

COMMONWEALTH of PENNSYLVANIA  
DEPARTMENT of MINES and MINERAL INDUSTRIES



Anthracite Division

1968

*Annual Report*

Harrisburg, Pennsylvania

RAYMOND P. SHAFER

Governor

H. B. CHARMBURY

Secretary of Mines and Mineral Industries

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# COMMONWEALTH OF PENNSYLVANIA

RAYMOND P. SHAFER

Governor



DEPARTMENT of MINES and MINERAL INDUSTRIES

H. B. CHARMBURY

Secretary

ANTHRACITE DIVISION

**1968**

ANNUAL REPORT

Harrisburg



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COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND  
MINERAL INDUSTRIES  
HARRISBURG

H. B. CHARMBURY  
THE SECRETARY

April 15, 1969

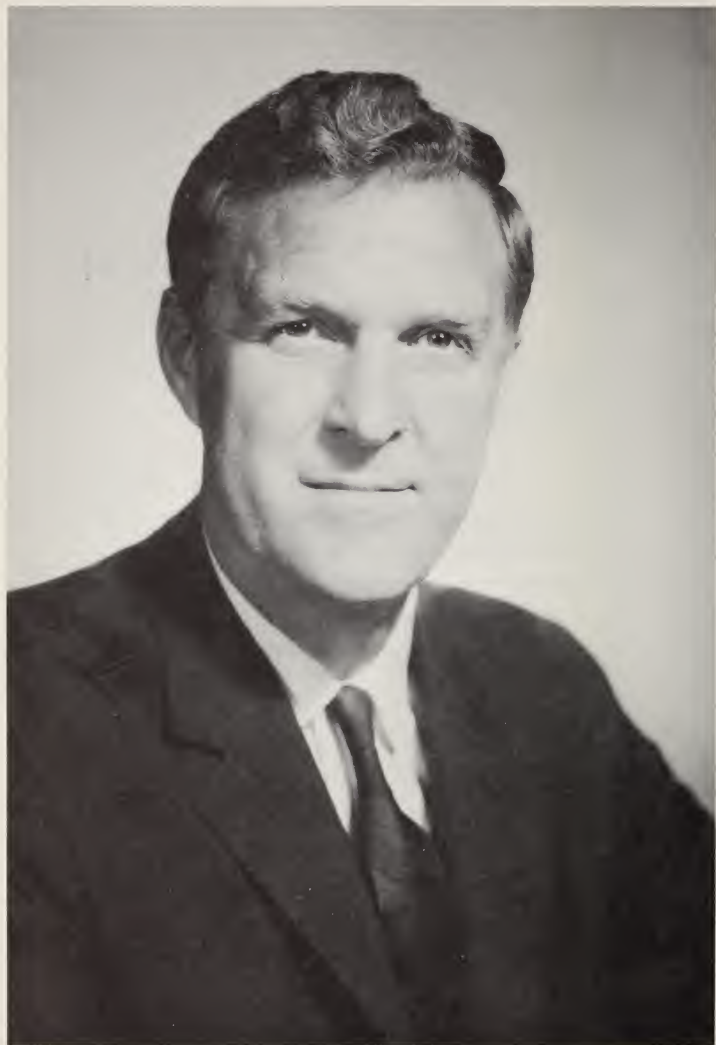
The Honorable Raymond P. Shafer  
Governor  
Commonwealth of Pennsylvania  
Harrisburg, Pennsylvania

Dear Governor Shafer:

In compliance with the Act of April 14, 1903, I  
transmit herewith the Report of the Department of Mines and  
Mineral Industries for the year ending December 31, 1968,  
covering in detail the operations in the Anthracite Division  
of Pennsylvania.

Respectfully submitted,

*H. B. Charmbury*  
H. B. Charmbury



## RAYMOND PHILIP SHAFER

### GOVERNOR, COMMONWEALTH OF PENNSYLVANIA

Pennsylvania's Governor Raymond Philip Shafer was born March 5, 1917, in New Castle, Pennsylvania, and raised in Meadville where he attended the public schools. At his high school commencement in 1934 he proved that a star basketball player could be class valedictorian.

His athletic-academic abilities were displayed on a greater scale at Allegheny College. A political science major, he made Phi Beta Kappa, won nine varsity letters (basketball, soccer and track), was class president each year and was the student body president in his senior year.

After graduation in 1938 he went to Yale Law School. Members of his law fraternity included future Governor Scranton, two future U. S. Supreme Court Justices (Stewart and White), a future U. S. Senator (Dominick, Colorado), future author (Walter S. Lord) and others who made their mark on the national scene. LIFE magazine in 1966 reprinted this extraordinary group's portrait taken in 1940. Shafer had then become Lieutenant Governor of Pennsylvania and was the Republican nominee for Governor.

After getting his law degree in June 1941, Shafer, the following month, married his college sweetheart, Jane Harris Davies of Pittsburgh. In August the couple moved to New York City where Shafer was associated with Secretary of War Stimson's law firm (Winthrop, Stimson, Putnam and Roberts). In 1942 he was commissioned an ensign in the Navy. Before returning to inactive duty in 1945, he had logged over 80 combat missions in PT Boats, brought General MacArthur back to Corregidor in fulfillment of the famous promise, and had added the Bronze Star and the Purple Heart to his campaign medals. The official U. S. Navy Volume on PT-Boat Operations carries a photograph of Shafer, aboard a rubber raft, evacuating paratroopers pinned down by sniper fire on a small Pacific Island.

After the war, Shafer returned to Meadville to practice law. He was affiliated with the office of the late former Judge Mook, and subsequently became a partner in the firm of Thomas, Shafer, Dornhaffer and Swick. He taught business law at Allegheny College while practicing. In 1947 he was elected district attorney of Crawford County on both tickets, a feat he repeated in 1951. In 1958 he was elected to the Pennsylvania Senate, representing Mercer and Crawford Counties. In 1962 he was elected Lieutenant Governor of Pennsylvania, and two years later was the acting Chairman of the Pennsylvania delegation to the 1964 Republican National Convention in San Francisco. In November 1966 he was elected Governor, marking the first time in Pennsylvania's political history that a lieutenant governor successfully ran for the highest office.

An ardent sportsman, Governor Shafer is a top-flight golfer. His civic activities are legion. He holds memberships in many community and fraternal organizations, together with his professional associations as a member of the Bar.

Governor and Mrs. Shafer have three children: Diane, Raymond, Jr., and Jane as well as a grandson, "Flip."



DR. H. B. CHARMBURY  
PENNSYLVANIA SECRETARY OF MINES  
AND MINERAL INDUSTRIES

Pennsylvania's Secretary of Mines and Mineral Industries, Dr. H. Beecher Charmbury, was born September 21, 1914 in Hanover, Pennsylvania, and educated in Hanover public schools.

Dr. Charmbury commands a wealth of professional education and experience in his post as Secretary of Mines and Mineral Industries.

He was first appointed to this position by former Governor William W. Scranton in January, 1963, and subsequently reappointed by present Governor Raymond P. Shafer in December, 1966.

He received his A. B. degree in chemistry, cum laude, from Gettysburg College in 1936, and his Master's degree in chemistry from Pennsylvania University the following year. He was awarded his Ph. D. degree in Fuel Technology from The Pennsylvania State University in 1942.

Prior to his appointment as Secretary of Mines and Mineral Industries, Dr. Charmbury has been associated with The Pennsylvania State University since 1937 and currently is on leave of absence from that school. He started out as a research assistant in the Department of Petroleum and Natural Gas, and from there went on to become Professor and Head of the Department of Mineral Preparation at Penn State in 1953.

He was one of the first people to be invited as a lecturer at the Third International Coal Preparation Congress in Liege, Belgium in 1958, and was also a lecturer at the First European Symposium on Coal Size Reduction in Frankfurt, Germany in 1962.

The firms to which he has been a consultant on problems related to coal, metallic and non-metallic minerals, as well as air pollution, reads like a blue chip list of American industry. A partial list includes the Molybdenum Corporation of America; Rochester and Pittsburgh Coal Company; Esso Research and Engineering Company; The Babcock and Wilcox Company; The American Tool and Supply Company; The Lampa Mining Company, Ltd.; Corn Products Company; "Rock Products" (Maclean-Hunter Publications); and Titan Metal Manufacturing Company. In addition he has also served as consultant to many municipalities on similar problems.

He has authored numerous articles on coal and other mineral technology for such publications as "Mechanization", "Utilization", "Rock Products", "Mineral Industries", "Brick and Clay Record", and "Mining Engineering". Many of his technical papers have been translated and reprinted abroad in German, French and Chinese publications.

As a renowned authority on coal, its preparation and usage, as well as other minerals, Dr. Charmbury has also presented technical papers before such conclaves as the American Mining Congress, the American Chemical Society, and the National Association of Industrial and Mechanical Engineers.

He is listed in *American Men of Science*, *Who's Who in American Education*, *Who's Who in Engineering*, *Who's Who in the East*, and *Leaders in American Science*.

As Secretary of Mines and Mineral Industries in Pennsylvania, Dr. Charmbury serves as chairman of the following boards and commissions: Bituminous Land Reclamation Board; Coal Research Board; State Mine Subsidence Insurance Fund; Oil and Gas Conservation Commission; Anthracite and Bituminous State Mine Inspectors' Examining Board; Oil and Gas Inspectors' Examining Board; and the Anthracite Mine Drainage Commission.

In addition, he is vice-chairman of the Anthracite Allocation Committee as well as a member of the State's Sanitary Water Board and the Air Pollution Commission. He also is a member of the Board of Trustees for the Pennsylvania State University.

He is a member of the Lutheran Church, A. F. & A. M., and a past exalted ruler and past district deputy grand exalted ruler of the B. P. O. Elks.

## 1968 ANNUAL REVIEW

*by*

*Dr. H. B. Charmbury, Secretary*

**By sheer weight of achievement**, the year 1968 has to be singled out as one of the most significant in the long history of Pennsylvania's Department of Mines and Mineral Industries.

On all fronts—mine safety, coal production, regulation and enforcement, mine area restoration, research, and legislation—notable accomplishments marked the entire year.

Pennsylvania has certainly come a long way since 1963.

Our State has always been a leader in providing effective safety as well as conservation legislation.

But this means nothing unless enforcement of these laws is just as adequate.

**Early in 1968, I ordered** our mine inspector force to start making surveys of all the deep coal mines within the State for the purpose of checking compliance with our safety laws, and particularly in regards to the handling of explosives within the mines.

In an effort to further strengthen our enforcement of the deep mine safety laws, I have since ordered the inspectors to periodically change or rotate the schedule of their regular mine inspections, and, to spot check, unannounced, any deep mine which our director of mine safety feels should be checked out for *any* reason. Even though scheduled visits by our mine inspectors are not announced now, by changing their schedules periodically, and by adding spot check investigations to their regular inspections, we hope to see even better compliance with our safety laws and regulations during 1969.

**To help keep this** cause of safety foremost in the minds of not only the mining management peoples, but the miners themselves, I added a competent mine safety coordinator to my staff in the summer of 1968. This man, responsible principally to me, will go into the mines and talk with the men directly about safety, per se, and the need for constant vigilance underground. Not only that, but his reports along with the regular inspectors' reports, will provide us with a closer insight into the problems as well as action taken by mine owners and officials in promoting safety.

Even though we experienced less fatalities during the past year than in the previous year, a total of 36 in 1967 as against 33 in 1968, any relaxation—throughout the year—of maximum effort in promotion and enforcement of our safety codes would be tantamount to the abandonment of our oldest assigned responsibility. And I am keenly aware of this fact.





Collapsing pillars in old abandoned deep mines continue to plague many sections of Pennsylvania's coal region communities. The two homes above are in Pittsburgh's West Mifflin residential area and were condemned after surface subsidence virtually destroyed them. No one was hurt, however. This area was one of five different areas of the State where dry fly ash was employed to 'flush' voids for the first time in the world by the Department.



Variability of the Department's reclamation work is shown with this photo of capped and plugged abandoned well in new Moraine State Park, Butler County. This well was one of 300 such wells that the Department sealed in joint effort with Department of Forests and Waters in park's development. In addition to well sealing, several hundred acres of abandoned strip mines were restored to near original condition and several hundred thousand tons of abandoned mine refuse banks were buried to make new park's Lake Arthur safe from pollution.

**In addition, late in 1968** and of significant importance in our efforts to control or eliminate the causes of pneumoconiosis—miner's asthma—was the Coal Research Board's grant to two agencies, Bituminous Coal Research, Inc. and the Lee-Norse Mining Co., both of Pittsburgh. This award, for \$136,000 was for the actual design and prototype construction of the mechanical dust collection devices, which can be employed on the widely used continuous mining machines to arrest dust production at the source.

We have every reason to be hopeful that the hardware that these two agencies will jointly develop, will be adaptable to virtually any type of continuous, mechanical miners. Successful development of this single Coal Research Board project, portends tremendous advancement in the ultimate elimination of the cause of this dread disease. This award also highlights the very importance of the Coal Research Board and the great progress made by this agency in the past few years alone. I am extremely hopeful that funds for this particular research agency will be forthcoming during 1969 in order to accommodate even more important proposals already before them for approval, and which subsequently had to be denied in 1968.

**At the same time**, while our total coal production was down over the previous year, I am greatly enthused about tonnage prospects for 1969. Even though our bituminous mines produced 75,714,611 tons through 1968, compared with 79,101,385 tons for the previous year, new mine-mouth installations in the central part of our State promise fulfillment of one of our main goals. And that is to make Pennsylvania the electricity producing capital of the eastern seaboard. We are well on our way to this 'coal-by-wire' goal, with active installations in Cambria and Indiana counties now serving as the hub in this endeavor. Anthracite production, on the other hand, continued a downward trend begun years ago, dropping from a total of 11,552,441 tons during 1967, to 11,025,482 tons during 1968. At the same time, there are still 6,682 people employed in anthracite mining operations in the State; a total of 23,117 are employed in bituminous coal mines.

Through "Operation Scarlift", launched in 1967, we began an action program on burning abandoned mine refuse banks as major sources of air pollution in the coal regions. We currently have \$2.5 million in conservation bond issue funds actively committed to eliminate four major sources of this type of air pollution located in Luzerne and Lackawanna counties. Other projects are in various stages of development.

**In addition to that**, regulation over active mine refuse banks was turned over to our Department during the past year by legislation and signed into law by Governor Shafer. Our Department is now in the process of charting the actual locations of all of these banks, as well as developing and implementing controls to ensure that they will not become burning air pollution hazards in the future.

'Scarlift' itself has already become a standard for conservation-reclamation programs by which other states can model. The scope of this program was advanced to the point during 1968, whereby we now





"Fire engine" type portable lime neutralization plants such as the one shown in foreground above, were employed by the Department for the first time in Nation in 1968. They will be primarily used to neutralize acid strip mine pits prior to complete restoration and drainage of these pits, and on an emergency basis to stop periodic "acid slugging" of Commonwealth streams.



Workmen are shown cutting 15-foot wide trench leading from air shaft at abandoned Buttonwood Colliery, near Wilkes-Barre, prior to installation of concrete. In this 'Scarlift' reclamation project, the outflow of water through the air shaft, opened in the fall of 1968, served to relieve subsidence problems across the Susquehanna River in the Kingston area by pulling subsurface water tables down in abandoned mines on that side of Wyoming Valley and out of subsurface moraine sand deposits.

have—in action and research programs—a total of \$57 million committed to some 117 active projects.

The funds for this important work are provided by the State Legislature and supported by grants and joint contracts with the Appalachian Regional Commission, the Federal Water Pollution Control Administration and the Department of Interior's U.S. Bureau of Mines.

**We were successful** in having 11 of 12 of our proposed joint contracts on abandoned mine drainage research approved by the FWPCA during 1968. This points up significance of the Department's advanced technology in this area since this Federal agency financially supported a total of only 18 such research-demonstration projects throughout the entire nation during the year.

Besides the four burning bank extinguishment projects, other active conservation bond issue projects include 44 projects to control or eliminate sources of abandoned mine drainage pollution, \$22.4 million committed thus far; 5 projects to control or extinguish underground mine fires, \$800,000; and 9 projects to help curtail surface subsidence by filling-in underground, abandoned mines, \$409,000. A total of \$30 million in State and Federal funds through Appalachia is spread over 55 similar projects in the coal regions.

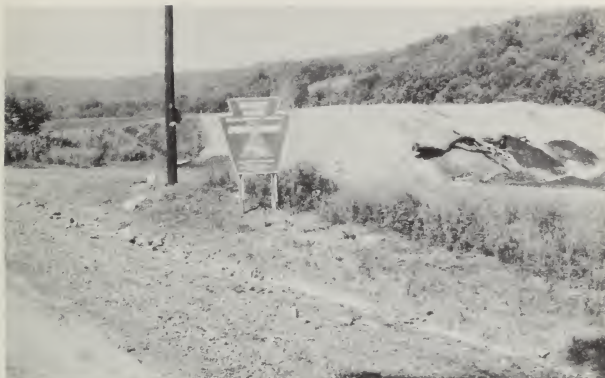
**During early summer** last year, we successfully demonstrated the use of dry fly ash as a material that can be used in filling-in underground abandoned mine voids. This project, at Pittsburgh's Glen Gormley residential area, was the first of its type in history. This material, a waste by-product of coal using electric power stations, is now being used in two of our underground 'flushing' projects, and several more are being planned.

The most significant accomplishment insofar as the Oil and Gas Division is concerned was the passage of Act 265 approved July 31, 1968. In one form or another, similar amendments to the basic Act were proposed in every Legislative Session since 1957. Act 265 amended the Pennsylvania Gas Operations, Well-Drilling, Petroleum and Coal Mining Act of 1955.

**First of all**, this new Act provides uniform reporting. While the basic Act did define how shallow wells in non-coal areas must be plugged, no plugging certificate was filed with this Division, nor was the Division advised prior to plugging or drilling by the industry. These amendments became effective September 30, 1968. To illustrate: A total of 849 plugging file numbers for shallow non-coal wells were issued from the effective date to January 1, 1969. During the same period, 297 drilling permits were issued for wells in these areas.

Prior to the enactment of Act 265, we would have received no plugging data, and only location plats and well records, thirty days after well completion.

A total of 871 wells were drilled and completed during the year, 248 for gas and 466 for oil.



The burning Pennsylvania Coal & Coke Co. abandoned bank at Heshbon in Indiana County was subjected to a "chemical smothering" approach under a research project by the Department of Mines. Project involved extinguishment of the pile by application of a mixture of vermiculite, sodium bicarbonate, limestone dust and resins to the fire area. The pile has been shaded and the smothering chemicals have been applied by Melpar, Inc., in a \$178,497.60 grant by the Pennsylvania Coal Research Board.



People who remember what the Marvine burning bank at Scranton looked like before the Department of Mines' project started to extinguish it (above), would never recognize the huge pile of air pollution today! Progress on extinguishment has been so terrific that the bank, which lies practically on top of Interstate 81 in north Scranton, will be eliminated early in 1969. It will be another historic first for the Department, which has pioneered mine area reclamation ever since 1963. High-pressure hydraulic guns are being used, employed by the Department for the first time anywhere.



# **STATISTICAL REPORTS**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES  
ANTHRACITE DIVISION  
TOTAL PRODUCTION OF COAL, PRODUCTION FROM STRIPPINGS AND WASHERIES  
EMPLOYES, FATALITIES, ETC.  
1870 - 1968

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Employes	Fatal- ities	Produc- tion per fatality	Fatal- ities per million tons	No. of ins- pec- tors
	#			#	#	#	#	#
1870	14,172,004			35,600	211	67,166	14.89	5
1871	15,532,252			37,488	210	73,963	13.52	5
1872	15,567,973			44,745	223	69,811	14.32	5
1873	21,001,521			48,199	264	79,551	12.57	5
1874	19,930,240			53,402	231	86,278	11.59	5
1875	23,402,646			69,966	238	98,330	10.17	6
1876	23,440,666			70,474	228	102,810	9.73	6
1877	24,727,213			66,842	194	127,460	7.85	6
1878	20,900,966			63,964	187	111,770	8.95	6
1879	31,036,600			68,847	262	118,460	8.44	6
1880	27,974,532			73,373	202	138,488	7.22	6
1881	34,202,558			76,031	273	125,284	7.98	7
1882	35,057,430			82,200	295	118,839	8.41	6
1883	37,747,369			91,421	323	116,865	8.56	6
1884	36,468,738			101,073	332	109,846	9.10	6
1885	38,232,155			100,320	332	115,157	8.68	7
1886	38,950,932			103,044	279	139,609	7.16	7
1887	42,156,300			106,517	316	133,406	7.50	7
1888	46,635,037			122,218	364	128,118	7.81	8
1889	43,650,768			119,646	397	109,952	9.09	8
1890	44,986,286			119,919	378	119,011	8.40	7
1891	49,701,322			123,308	428	116,125	8.61	8
1892	51,226,978			130,300	418	122,553	8.16	8
1893	52,841,110			138,069	456	115,880	8.63	8
1894	50,966,920	386,960		139,939	446	114,276	8.75	8
1895	56,948,756	386,534		143,705	421	135,270	7.39	8
1896	53,843,250	527,809		150,088	502	107,257	9.32	8
1897	52,581,036	732,743		149,557	423	124,305	8.04	8
1898	52,812,675	697,759		142,420	411	129,498	7.78	8
1899	60,518,331	1,055,426		140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170		143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864		147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792		148,139	300	137,803	7.26	8
1903	75,232,585	4,119,258		151,827	518	145,237	6.89	15
1904	73,594,369	3,440,420		161,330	595	123,688	8.08	15
1905	78,647,020	3,897,688		168,254	644	122,123	8.19	15
1906	72,139,510	4,880,402		166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169		168,774	708	121,549	8.23	20
1908	83,543,243	4,635,923		174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562		171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167		168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457		173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161		175,098	601	140,477	7.12	21
1913	91,626,964	2,934,157		175,310	624	146,838	6.81	21
1914	91,189,641	2,702,537		180,899	600	151,983	6.58	21
1915	89,377,706	3,418,427		177,339	588	152,003	6.58	21
1916	87,680,198	4,432,606		159,169	565	155,186	6.44	25
1917	100,445,299	6,408,277		156,148	581	172,883	5.78	25
1918	99,445,794	7,246,454		148,226	556	178,859	5.59	25
1919	87,838,024	3,616,675		153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697		149,117	490	182,931	5.47	25
1921	90,358,642	1,402,096		161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402		159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,441,796		162,503	496	175,963	5.68	22
1925	61,334,445	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,267,154	1,844,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	138,400	384	153,946	6.50	25

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Employees	Fatal- ities	Produc- tion per fatality	Fatal- ities per million tons	No. of ins- pec- tors
1932	49,501,511	1,062,853	3,545,948	119,180	213	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,256	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,927	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,438	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955**	25,934,792	3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2.34	20
1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	2,418,433	7,279,371	16,971	19	868,769	1.15	23
1962	16,496,315	2,829,421	6,942,675	14,704	26	634,474	1.58	22
1963	17,411,202	2,965,213	7,552,995	14,323	30	580,373	1.72	22
1964	16,524,687	3,013,307	7,248,900	13,584	24	688,529	1.45	22
1965	14,229,817	2,611,189	5,996,536	11,839	8	1,778,727	0.56	21
1966	12,031,375	2,662,558	5,317,432	9,621	5	2,406,275	0.41	21
1967	11,552,441	3,335,557	4,910,209	7,828	9	1,283,605	0.78	21
1968	11,025,482	3,571,862	4,918,353	6,682	4	2,756,370	0.36	16

\* Included in total production.

# No accurate record previous to 1870.

‡ No accurate record previous to 1894.

% No accurate record previous to 1932.

\*\* In 1955 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.



## SUMMARY OF ANTHRACITE MINES, PRODUCTION AND FATALITIES BY DISTRICT

1968

Dis- trict	Inspector	Total Number Of Operators	No. of Large Deep Mines	No. of Small Deep Mines	No. of Strip Mines	No. of Banks	Total Number of Oper- ations	No. of Gaseous Mines	No. of Non- Gaseous Mines	No. of Deep Mines	No. of Strip Mines	No. of Bank Mines	No. of Washery & Total Breaker Plants	Deep		Strip		Bank		Total Production	Pro- duction Per Tons	
														Production #	Production #	Production #	Production #	Production #	Production #			
1	T. M. Eaney	10	-	-	31	31	31	-	-	-	116	-	16	432	1,005,418	-	1,005,418	-	-	1,546,476	2	542,759
2	R. O. Schneider	23	-	-	55	55	55	-	-	-	456	-	-	685	1,546,476	-	1,546,476	-	-	1,546,476	1	1,546,476
3	J. R. Ruane	20	-	-	34	34	34	-	-	-	340	-	-	456	1,207,166	-	1,207,166	-	-	1,207,166	1	1,207,166
4	W. A. Sanders	33	7	3	-	26	33	7	-	235	-	112	324	671	51,713	463,950	515,663	-	-	1,079,293	1	1,079,293
5	A. A. Joyce	29	11	6	-	7	13	6	-	899	-	182	182	1,047	930,125	251,931	1,182,056	-	-	1,182,056	1	1,182,056
6	R. P. Hino	39	11	6	-	30	41	2	9	102	-	59	118	279	97,415	1,104,915	1,149,720	-	-	1,149,720	1	1,149,720
7	A. E. Hand	25	18	9	-	5	27	5	-	102	-	59	118	279	97,415	555,669	663,084	-	-	1,182,056	1	1,182,056
8	O. P. Gallagher	25	15	9	-	6	28	6	-	102	-	59	118	279	97,415	555,669	663,084	-	-	1,182,056	1	1,182,056
9	Geo. Brasher	30	26	16	-	2	28	7	19	126	-	4	82	212	151,791	4,385	156,176	-	-	1,182,056	1	1,182,056
10	C. E. Kahner	35	23	12	-	2	25	7	16	113	-	10	98	221	128,220	58,542	186,762	-	-	1,182,056	1	1,182,056
11	J. J. Shober, Jr.	39	18	9	-	13	31	4	14	109	-	111	281	501	120,498	584,445	704,943	-	-	1,182,056	1	1,182,056
12	A. J. Lata	43	31	15	-	10	41	11	20	163	-	39	89	291	147,468	122,345	269,829	-	-	1,182,056	1	1,182,056
13	A. D. Mauer	51	31	17	8	1	48	2	15	116	-	2	43	161	138,658	2,317	140,975	-	-	1,182,056	1	1,182,056
14	F. C. O'Connor	39	36	19	-	4	40	12	24	213	-	10	71	294	370,535	87,912	458,447	-	-	1,182,056	1	1,182,056
15	C. E. Miller	41	36	25	-	2	38	12	24	194	-	10	63	267	300,890	103,349	404,239	-	-	1,182,056	1	1,182,056
Division Total		445#	244	131	154	112	510	84	160	2,406	1,897	605	1,774	6,682	2,535,267	4,918,353	3,571,862	11,025,482	4	2,756,370		

\* Due to some companies operating in more than one district, the actual total number of Anthracite Operators is 363, including 60 companies operating strip mines.

\* 131 Small Deep Mines are included in the total number of Deep Mines; 461 Small Deep Employees are included in Deep Employees; 316,659 Small Deep Production is included in Deep Mined Production.

ANTHRACITE DIVISION  
PRODUCTION OF COAL, EMPLOYES AND FATALS BY COUNTY  
1968

County	Mines Employing Five or More Persons			Mines Employing Fewer Than Five Persons		Total Production	Percentage of Total Production	Employees by County			Washery and Breaker	Total Em- ploy- ees	Total Fatal- ities
	Deep Mined Production	Strip Mined Production	Bank Mined Production	Deep Mined Production	Bank Mined Production			Large Deep	Small Deep	Strip	Bank		
Carbon	24,421	299,844	200,535	8,957	-	533,757	4.81%	17	8	113	43	17	198
Columbia	38,466	250,810	1,238	19,346	-	309,860	2.81%	46	27	108	7	-	188
Dauphin	-	-	103,349	19,394	-	122,743	1.11%	-	29	-	10	38	77
Lackawanna	-	353,764	201,773	2,922	-	558,459	5.06%	-	10	174	60	177	421
Lebanon	-	-	-	-	-	-	-	-	-	-	-	-	-
Luzerne	1,004,612	1,491,766	979,687	-	-	3,476,065	31.53%	1,136	-	561	154	515	2,366
Northumberland	244,060	548,954	801,900	85,288	-	1,680,202	15.24%	183	120	151	78	233	765
Schuylkill	907,059	1,936,056	1,273,791	186,702	-	4,297,648	38.98%	563	267	779	248	789	2,646
Sullivan	-	37,159	-	-	-	37,159	0.34%	-	-	11	-	4	15
Susquehanna	-	-	9,589	-	-	9,589	0.09%	-	-	-	5	1	6
Wayne	-	-	-	-	-	-	-	-	-	-	-	-	-
Division Total	2,218,658	4,918,353	3,571,862	316,609	-	11,025,482	100.00%	1,915	461	1,897	605	1,774	6,682
Percentage of Total Production	20.12%	44.61%	32.40%	2.87%	-	100.00%							

ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK), FATALITIES, PRODUCTION PER FATAL AND EMPLOYEES  
BY DISTRICT  
1968

District	Inspector	Deep Mined	Stripping	Bank	Total Production	Fatalities Deep	Fatalities Strip	Fatalities Bank	Total Fatalities	Production Per Fatal	Total Employees
1	T. M. Beane	-	1,085,418	-	1,085,418	-	2	-	2	542,709	432
2	R. O. Schneider	-	1,546,476	-	1,546,476	-	-	-	-	-	685
3	J. R. Ruane	-	1,207,166	-	1,207,166	-	-	-	-	-	456
4	Walter Davis	-	1,079,293	-	1,079,293	-	-	-	-	-	340
5	W. A. Sanders	51,713	-	463,950	515,663	-	-	-	-	-	671
6	A. A. Joyce	930,125	-	251,931	1,182,056	1	-	-	1	1,182,056	1,047
7	P. P. Hino	44,805	-	1,104,915	1,149,720	-	-	1	1	1,149,720	695
8	A. E. Hard	97,415	-	565,669	663,084	-	-	-	-	-	279
9	G. P. Gallagher	53,133	-	222,102	275,235	-	-	-	-	-	130
10	Leon Brass	151,791	-	4,385	156,176	-	-	-	-	-	212
11	C. E. Kashner	128,220	-	58,512	186,732	-	-	-	-	-	221
12	J. J. Shober, Jr.	120,498	-	584,445	704,943	-	-	-	-	-	501
13	A. J. Latz	147,484	-	122,345	269,829	-	-	-	-	-	291
14	W. D. Maurer	138,658	-	2,317	140,975	-	-	-	-	-	161
15	F. C. O'Connor	370,535	-	87,912	458,447	-	-	-	-	-	294
16	C. E. Miller	300,890	-	103,349	404,239	-	-	-	-	-	267
Division Total		2,535,267	4,918,353	3,571,862	11,025,482	1	2	1	4	2,756,370	6,682

Production, How Shipped, Average Days Worked, Employees, Explosives  
Fatal and Non-fatal Accidents

By Inspection District - 1968

Dis- trict	Production - Net Tons				Pounds		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
	Shipped By railroad	To Market By truck	Sold to local trade	Used at colliery for steam and heat	Total production	permiss- ible ex- plosives used	Pounds dynamite used			
1	347,404	279,246	457,071	1,697	1,085,448	5,292,472	295,376	432	2	18
2	781,627	507,805	250,266	6,778	1,546,476	-	12,114,645	685	-	49
3	378,198	717,948	109,471	1,549	1,207,166	-	10,524,196	456	-	21
4	499,174	310,739	268,845	535	1,079,293	11,273,525	7,500	340	-	23
5	153,379	268,323	102,744	1,217	515,663	48,695	1,950	671	-	26
6	323,120	679,684	178,732	1,820	1,182,086	892,375	15,700	1,047	1	155
7	752,678	265,874	121,972	1,896	1,119,720	20,325	2,975	695	1	34
8	376,309	204,806	81,740	229	663,084	51,930	9,400	279	-	18
9	37,442	204,388	33,019	686	275,235	42,435	-	192	-	2
10	13,196	107,429	35,384	167	156,176	82,275	-	130	-	13
11	48,589	117,098	20,681	394	186,762	63,719	850	212	-	10
12	275,070	268,444	160,786	643	704,943	65,775	4,300	221	-	26
13	46,887	156,518	65,995	429	269,829	110,705	12,150	501	-	19
14	26,535	92,188	21,772	480	140,975	113,490	250	161	-	10
15	97,418	247,996	111,667	1,636	458,447	264,965	-	294	-	17
16	42,185	260,514	100,337	1,203	404,239	175,720	4,300	267	-	20
Total	4,205,841	4,679,100	2,120,482	20,059	11,025,482	18,498,336	22,993,592	6,682	4	461

ANTHRACITE DIVISION  
SMALL MINE REPORT - 1968\*

Dis- trict	Number of Small Mine Operators	Number of Small Mines	Number of Men Employed in Small Mines	Small Mine Production	Fatal Acci- dents	Non- fatal Acci- dents	Number of Man-Days
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	3	3	10	2,922	-	-	828
6	-	-	-	-	-	-	-
7	6	6	21	13,957	-	-	3,456
8	9	9	30	15,606	-	-	5,347
9	9	9	34	20,202	-	-	5,429
10	16	16	53	50,303	-	3	11,033
11	12	12	39	21,412	-	1	5,772
12	9	9	31	17,113	-	-	8,068
13	15	15	82	26,523	-	-	8,515
14	8	8	24	22,016	-	-	4,824
15	17	19	57	54,325	-	1	9,183
16	25	25	80	72,230	-	-	14,539
Total	129	131	461	316,609	-	5	76,994

\* All figures included in report of Summary of Anthracite Mines, Production and Fatalities By District.

## ANTHRACITE DIVISION

District	Mechanical Loading			Electric Motors			Pumps Delivering Water to Surface	
	Number of Scrapers, Conveyors or Shaker Chutes	Number of Under-cutting or Mining Machines	Number of Loading Machines	Number of Tons Produced by Mechanical Loading	Number of Employees engaged in this class of work	Total Horse-power	Total Number	Number of Gallons delivered per day of 24 hours
1	-	-	-	-	-	859	2	14,400,000
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	17	-	-	38,019	32	2,050	4	7,624,964
6	161	-	-	930,125	421	377	1	720,000
7	6	-	5	34,136	23	18,201	12	17,277,637
8	6	-	-	517,979	66	825	10	14,446,178
9	6	-	7	226,362	27	5,797	6	5,966,000
10	18	-	9	63,422	49	72	1	720,000
11	8	-	3	6,686	24	131	27	247,100
12	8	-	-	11,163	20	4,876	29	2,038,110
13	26	-	2	94,249	70	19,366	7	96,000
14	14	-	-	79,887	34	4,782	19	821,000
15	13	-	2	125,766	38	199	21	1,871,500
16	4	-	8	142,543	25	318	53	2,026,150
						289	26	529,350
Total	287	-	46	2,330,337	829	3,906	218	68,784,189

SUMMARY OF EMPLOYES BY DISTRICT  
ANTRACITE DIVISION--1968

Dis- trict	INSIDE EMPLOYEES										GRAND TOTAL		
	Foreman	Miners	Miners	Laborers	All Other	Total Inside	Super- intendents	Office	Breaker	All Other	Total Outside	Inside & Outside	
1	-	-	-	-	-	-	24	8	16	384	432	432	432
2	-	-	-	-	-	-	60	29	-	596	685	685	685
3	-	-	-	-	-	-	28	1	-	427	456	456	456
4	-	-	-	-	-	-	31	2	-	307	340	340	340
5	10	20	191	26	2	58	32	10	324	247	613	671	671
6	37	20	191	283	183	694	12	6	106	229	353	1,047	1,047
7	13	39	19	5	1	79	13	6	459	178	656	695	695
8	19	39	33	11	5	107	8	1	118	73	200	279	279
9	19	33	11	11	2	65	11	6	24	24	65	130	130
10	28	48	13	9	5	94	6	1	82	29	118	212	212
11	25	49	11	9	2	85	2	3	98	36	136	221	221
12	21	61	18	4	6	79	10	3	281	128	422	501	501
13	31	63	29	14	1	135	7	-	89	70	166	291	291
14	23	10	14	14	10	87	4	-	43	27	74	161	161
15	40	104	1	1	28	173	3	-	71	47	121	294	294
16	47	85	15	15	1	148	6	-	63	50	119	267	267
Total	313	738	426	426	249	1,726	257	73	1,774	2,852	4,956	6,682	6,682

## ANTHRACITE DIVISION

OPERATORS PRODUCING 50,000 OR MORE TONS

1968

Dis- trict	Operator	Production
1-2-3-5-		
7-8-12-15	Lehigh Valley Anthracite, Inc.	1,139,232
3-4-7-11-12	Reading Anthracite Co.	1,136,828
1-5-6	Blue Coal Corporation	861,744
1-6	Glen-Nan Coal Co., Inc.	677,274
8-9-16	Gangloff Brothers	648,984
2-7	Jeddo-Highland Coal Co.	631,733
2	Greenwood Stripping Corporation	612,858
3	Kerris & Helfrick, Inc.	270,329
1	Carbondale Coal Co., Inc.	231,185
6	Ken Pollock, Inc.	210,848
7	B-D Mining Co.	199,999
12-15	Manbeck Dredging Co., Inc.	170,300
2-7	George Huss	166,610
5-7	George Racho	139,224
8	State Coal Co., Inc.	122,970
12	Correale Construction Co.	115,425
4-15-16	Kocher Coal Co., Leon E.	115,114
2-7	Honeybrook Mines, Inc.	104,828
4-13	Schuylkill Contracting Co.	94,478
3-7	Capparell Stripping & Construction Co.	92,606
5	Popple Coal Sales Co., Raymond	92,101
7-9-12	Phoenix Contracting Co.	84,573
12	William Schickram	81,999
12	Mar Strip & Excavating Co.	76,870
11-15	Bush Coal Co.	66,923
2-7	Gowen Coal Co.	60,943
3	Rosini Coal Co.	59,625
7	Coleby Coal Co., Inc.	58,173
14	Mercury Coal Co., Inc.	55,906
4-13	Swatara Coal Co.	54,448
1	Northwest Mining Co.	54,011



PRODUCTION AND ACCIDENT RECORD  
FOR OPERATORS HAVING A FATALITY

1968

Operator	Deep Mined	Stripping	Bank	Total Production	Deep	Fatalities Strip	Bank	Total	Non- Fatal	Production Per Fatal	Employees
Glen-Nan Coal Co., Inc.	663,099	14,175	-	677,274	1	-	-	1	81	677,274	455
Jeddo-Highland Coal Co.	-	496,209	135,524	631,733	-	-	1	1	15	631,733	31
Carbondale Coal Co., Inc.	-	231,185	-	231,185	-	1	-	1	6	231,185	128
Northwest Mining Co., Inc.	-	54,011	-	54,011	-	1	-	1	-	54,011	38
Total production for operators with a fatality	663,099	795,580	135,524	1,594,203	1	2	1	4	102	398,550	652
Total production for operators without a fatality	1,872,168	4,122,773	3,436,338	9,431,279	-	-	-	-	359	-	6,030
Division Total	2,535,267	4,918,353	3,571,862	11,025,482	1	2	1	4	461	2,756,370	6,682

## CAUSES OF ANTHRACITE FATAL ACCIDENTS, BY COUNTY -- 1968

	Carbon	Columbia	Dauphin	Lackawanna	Lebanon	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Percentage of total accidents
<u>INSIDE</u>													
Falls of Roof, Face or Sides	-	-	-	1	-	-	-	-	-	-	-	1	25.00%
Machinery	-	-	-	-	-	1	-	-	-	-	-	1	25.00%
Total Inside	-	-	-	1	-	1	-	-	-	-	-	2	50.00%
<u>OUTSIDE</u>													
Transportation	-	-	-	-	-	1	-	-	-	-	-	1	25.00%
Stripping	-	-	-	1	-	-	-	-	-	-	-	1	25.00%
Total Outside	-	-	-	1	-	1	-	-	-	-	-	2	50.00%
GRAND TOTAL	-	-	-	2	-	2	-	-	-	-	-	4	100.00%
Percentage of total accidents	-	-	-	50.00%	-	50.00%	-	-	-	-	-	100.00%	

ANTHRACITE FATAL ACCIDENT VICTIMS -- 1968

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
7	Dominic DeFrancisco	Tresckow	Jeddo-Highland Coal Co.	Highland No. 5	Feb. 1	Cars (Outside)
6	Milton Zimmerman	Edwardsville	Glen-Nan Coal Co., Inc.	Glen Lyon No. 3	May 10	Fall of Roof
1	Michael Kovalik	Richmondale	Cartondale Coal Co.	Mine Fire Stripping Cleaning Plant	Nov. 5	Machinery (Inside)
1	Louis Gosek	Peckville	Northwest Mining Co., Inc.	Edgerton Strip	Dec. 17	Stripping

## ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1968

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1847	Feb.	Spencer	Spencer Coal Co.	Pottsville	Explosion of gas	7
1869	Sep. 6	Delaware	Delaware, Lackawanna & Western Railroad Co.	Plymouth	Mine fire	110
1870	Mar. 22	Potts	Locust Dale Coal Co.	Locust Dale	Boiler explosion	5
	Aug. 10	Fetts	Heins & Glassmire	Middleport	Cage fell down shaft	9
	Aug. 29	Preston #3	Preston Coal & Improvement Co.	Girardville	Car fell down slope	7
1871	May 27	West Pittston	Lehigh Valley Railroad Co.	West Pittston	Suffocated by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Cain, Hacker & Cook	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Langdon & Co., R.	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville Shaft Colliery	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Philadelphia & Reading Coal & Iron Co.	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Lehigh & Wilkes-Barre Coal Co.	Audenried	Explosion of gas	6
	Nov. 2	Mill Creek	D. & H. Canal Co.	Mill Creek	Explosion of gas	5
1880	May 3	Iykens Valley	Short Mountain & Lehigh Valley Coal Co.	Shamokin	Explosion of gas	5
1882	May 24	Robinson	Heckscher & Co., R.	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Philadelphia & Reading Coal & Iron Co.	Shamokin	Explosion of gas	5
1885	Apr. 6	Cuyler	Heaton & Co., S. M.	Raven Run	Mine fire	7
	Aug. 11	West End	West End Coal Co.	Mosanaqua	Fall of roof	10
	Oct. 21	Plymouth No. 2	D. & H. Coal Co.	Plymouth	Suffocated by gas from boiler fire	10
1886	Dec. 18	Nanticoke No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	6
	Aug. 30	Fair Lawn	Fair Lawn Coal Co.	Scranton	Inrush of quicksand	26
	Sep. 13	Marvine	D. & H. Coal Co.	Scranton	Explosion of gas	6
1887	Nov. 26	Corrygham	D. & H. Coal Co.	Wilkes-Barre	Suffocated by gas	8
	Apr. 21	Tunnel	Philadelphia & Reading Coal & Iron Co.	Ashland	Explosion of gas	5
1889	Oct. 1	Basst	L. C. & N. Co.	Big Mine Run	Suffocated by gas	5
1890	Apr. 9	Kaska, William	Lehigh & Wilkes-Barre Coal Co.	Middleport	Explosion of gas	10
	May 9	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Car fell on cage in shaft	8
	Feb. 1	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	8
	Mar. 3	Susquehanna No. 4	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	Apr. 2	Jersey No. 8	Lehigh & Wilkes-Barre Coal Co.	Ashley	Explosion of gas	26
1891	Feb. 4	Spring Mountain No. 1	Spring Mountain Coal Co.	Jeanesville	Drowned-water from old workings	13
	Oct. 23	Richardson	Philadelphia & Reading Coal & Iron Co.	Glen Carbon	Suffocated by gas	7
1892	Nov. 8	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	12
	Apr. 20	Lytle	Lytle Coal Co.	Minersville	Drowned-water from old workings	10
	July 23	York Farm	Lehigh Valley Coal Co.	Pottsville	Explosion of gas	15

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1968

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1893	Apr. 1	Nelson	Langdon & Co., Inc., A. L.	Shamokin	Mine fire	10
	July 21	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	Sept. 21	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	3
1894	Feb. 13	Gaylord	Kingston Coal Co.	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Underman & Skeer	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Lake Fidler	Mineral Railroad & Mining Co.	Shamokin	Mine fire	5
1895	Oct. 11	Henry Clay	Philadelphia & Reading Coal & Iron Co.	Shamokin	Boiler explosion	5
	Feb. 18	West Bear Ridge	Philadelphia & Reading Coal & Iron Co.	Mahany Plane	Explosion of gas	5
	Oct. 7	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	7
1896	June 28	Twin	Newton Coal Co.	Pittston	Fall of roof	58
	Oct. 29	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
	Jan. 13	Madesville	Philadelphia & Reading Coal & Iron Co.	Madesville	Crosshead fell down shaft	5
1897	Sep. 20	Jervyn No. 1	Jervyn & Co.	Rendham	Mine fire	5
	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	5
	May 26	Kaska, William	Dodson Coal Co.	Middleport	Drowned-water from old workings	6
1898	Oct. 1	Midvale	Lehigh Valley Coal Co.	Wilkes-Barre	Mine fire	5
	Nov. 5	Exeter	Lehigh Valley Coal Co.	West Pittston	Car fell on cage in shaft	9
	Nov. 29	Buck Mountain	Mill Creek Coal Co.	Mahany City	Explosion of gas	7
1900	Oct. 25	Buttomwood	Parrish Coal Co.	Plymouth	Explosion of gas	6
	Nov. 29	Lake Fidler	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	5
1904	Jan. 30	Maple Hill	Philadelphia & Reading Coal & Iron Co.	Mahany City	Explosion of powder & dynamite	5
	May 5	Lance	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Philadelphia & Reading Coal & Iron Co.	Locust Gap	Mine fire	5
1905	May 25	Williamstown	Summit Branch Mining Co.	Williamstown	Suffocated by gas from mine locomotive	10
	Nov. 2	Anchincloss	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Falling down shaft	10
	Feb. 18	Iryle	Iryle Coal Co.	Minersville	Fall of roof	5
1906	Mar. 9	Clear Spring	Clear Spring Coal Co.	West Pittston	Falling down shaft	7
	Apr. 26	Corrygram	D. & H. Coal Co.	Wilkes-Barre	Falling down shaft	10
	May 15	Shenandoah City	Philadelphia & Reading Coal & Iron Co.	Shenandoah	Explosion of powder & dynamite	7
1907	Aug. 6	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	6
	Mar. 2	Holien	Delaware, Lackawanna & Western Railroad Co.	Taylor	Explosion of gas	7
	June 18	Johnson No. 1	Scranton Coal Co.	Priceburg	Explosion of gas	7
1908	May 12	Mount Lookout	Temple Iron Co.	Wyoming	Explosion of gas	12
	May 13	Prospect	Lehigh Valley Coal Co.	Midvale	Fall of roof	5
	July 15	Williamstown	Summit Branch Mining Co.	Williamstown	Explosion of powder & dynamite	6
1909	Aug. 28	Warrior Run	Lehigh Valley Coal Co.	Wilkes-Barre	Mine cars	6

## ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1968

Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
Mar. 2	Pennsylvania No. 14	Pennsylvania Coal Co.	Pittston	Explosion of gas	8
Nov. 9	Auchincloss	Glen Alden Coal Co.	Nanticoke	Mine fire	9
Jan. 11	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
Mar. 12	S. Wilkes-Barre No. 5	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	7
Apr. 7	Pancoast	Price-Pancoast Coal Co.	Throop	Mine fire	72
May 10	Plymouth No. 5	Delaware & Hudson Co.	Dorranctown	Suffocated by gas from underground fire	5
May 27	Cameron	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	5
Sep. 12	Marvine	Delaware & Hudson Co.	Scranton	Mine cars	5
Oct. 3	Drifton No. 2	Coxe Bros. Co., Inc.	Freeland	Cave-in	5
Jan. 9	Parrish	Parrish Coal Co.	Plymouth	Explosion of gas	6
Aug. 2	East Brookside	Philadelphia & Reading Coal & Iron Co.	Tower City	Explosion of gas	20
May 29	Maryd	Maryd Coal Co.	Maryd	Overwinding of cage	6
Sep. 16	Lehigh No. 4	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	7
Dec. 9	Diamond	Delaware, Lackawanna & Western Railroad Co.	Scranton	Falling down shaft	13
Feb. 17	Prospect	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	13
Feb. 8	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
Mar. 9	Hallenback No. 2	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
Aug. 8	Woodward	Delaware, Lackawanna & Western Railroad Co.	Edwardsville	Explosion of gas	6
June 5	Baltimore Tunnel	Hudson Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	92
July 8	Lansford	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	8
Mar. 9	Rahn	Lehigh Coal & Navigation Co.	Seek	Explosion of gas	5
Nov. 3	Eddy Creek	Hudson Coal Co.	Scranton	Premature blast	6
Feb. 21	Alliance	Alliance Coal Mining Co.	Middleport	Explosion of gas	5
June 26	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
Dec. 8	Mount Jessup No. 2	Mount Jessup Coal Co.	Jessup	Fall of roof	5
June 6	Loomis	Glen Alden Coal Co.	Nanticoke	Explosion of gas	14
May 22	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	7
Aug. 3	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	10
May 6	Randolph	So. Penn Collieries Co.	Port Carbon	Explosion of gas	5
July 3	Pettebone	Glen Alden Coal Co.	Kington	Explosion of gas	7
Oct. 30	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	9
May 26	Woodward	Glen Alden Coal Co.	Edwardsville	Fall of roof, followed by an explosion of gas	7
May 25	Baltimore No. 5	Hudson Coal Co.	Wilkes-Barre	Explosion of gas	10
Aug. 8	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Fall of roof	8
May 29	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
Jan. 21	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Explosion of gas	13
May 7	S. Wilkes-Barre	Glen Alden Coal Co.	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1968

Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
Aug. 24	Clear Spring	Sullivan Trail Coal Co.	West Pittston	Explosion of gas	5
Apr. 27	St. Clair	St. Clair Coal Co.	St. Clair	Explosion of gas	8
June 2	Voipe	Voipe Mining Co.	Pittstown Twp.	Explosion of gas	10
Sep. 24	Primrose	M. & S. Coal Co.	Minersville	Explosion of gas	14
Jan. 15	Nottingham	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	15
Apr. 10	Schoolley	Knox Coal Co.	Exeter Boro.	Explosion of gas	10
Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
Mar. 29	Bottomwood	Glen Alden Coal Co.	Hanover Twp.	Explosion of gas	5
Mar. 27	Holmes Slope	Cano & Martin, Inc.	Forrestville	Explosion of gas through to old workings	5
Jan. 22	Ewen	Knox Coal Co.	Port Griffith	Drown - river broke into mine	12

ANTHRACITE DIVISION  
COUNTY--DISTRICT CROSS REFERENCE LIST  
1968

<u>County</u>	<u>Mine Inspection District</u>
Carbon	2, 7, 12
Columbia	2, 3, 8, 9
Dauphin	16
Lackawanna	1, 5
Lebanon	
Luzerne	1, 2, 5, 6, 7
Northumberland	3, 8, 9, 10, 11
Schuylkill	2, 3, 4, 7, 8, 9, 12, 13, 14, 15, 16
Sullivan	1
Susquehanna	5
Wayne	



## FORTY YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COALMESA	DAUPHIN	LACKAWANNA	DZERRIE	NORTHMED.	SCHWITZILL	SHILLMAN	SUSQUE.	WAYNE	DIVISION
1921	2,554,820	1,044,724	1,111,013	20,392,100	31,711,150	1,207,253	15,235,222	214,773	625,000	87,271,109	
1930	1,754,134	865,253	867,363	15,312,853	27,456,102	6,749,282	15,673,224	64,077	91,296	68,776,559	
1931	1,886,081	865,124	756,274	15,728,635	23,766,625	5,728,763	12,925,765	75,542	181,773	59,115,387	
1932	1,821,911	897,966	673,078	11,769,255	19,327,982	4,679,188	10,479,627	70,794	97,511	124,196	
1933	1,610,609	556,539	652,057	11,090,359	19,861,341	5,102,704	10,252,019	126,101	130,715	49,507,577	
1934	2,057,470	517,520	631,835	12,440,808	21,438,372	5,767,112	12,911,938	189,070	179,236	56,798,951	
1935	1,703,018	826,863	509,167	10,437,251	21,059,166	5,469,278	10,761,971	179,134	216,010	159,010	
1936	1,873,797	816,111	400,758	11,157,691	21,351,049	5,208,201	12,333,817	213,817	19,169	51,359,111	
1937	2,076,398	1,251,044	484,403	9,117,509	22,487,109	4,604,212	11,461,545	99,879	15,339	102,458	
1938	1,947,771	1,257,913	425,871	8,439,858	20,365,737	4,090,787	9,774,216 a	49,363	7,030	46,289,511	
1939	2,541,152	964,346	476,960	9,198,552	20,357,737	4,815,235	9,685,719 b	36,604	124,791	5,602	
1940	2,405,318	1,026,366	505,558	9,259,463	22,672,016	4,934,164	11,282,115 c	50,844	86,149	51,526,154	
1941	2,101,741	1,067,473	345,545	8,973,827	22,316,181	4,934,077	11,822,153 d	49,179	21,686	9,071	
1942	2,796,798	998,124	57,479	9,344,388	25,767,313	5,295,913	13,520,462 e	49,113	62,761	53,942,177	
1943	3,150,839	861,015	229,826	9,419,617	24,082,663	5,463,150	17,396,092 f	101,977	73,037	57,939,629	
1944	3,644,877	1,117,911	299,349	9,427,467	24,810,042	5,743,444	18,834,594 g	117,756	16,216	60,511,730	
1945	3,345,258	1,121,228	292,662	8,083,021	21,073,255	5,001,053	16,731,289 h	187,007	66,452	10,903	
1946	3,166,205	1,457,754	111,800	9,058,331	22,770,658	6,342,793	18,811,399	105,862	123,908	55,901,235	
1947	2,931,893	1,507,881	28,731	8,538,164	21,990,960	6,779,580	16,259,688	16,785	58,227,985	61,978,710	
1948	2,801,893	1,679,195	10,251	8,610,881	21,591,846	6,937,340	17,275,544 i	63,230	59,108,810	58,227,985	
1949	2,126,682	1,360,732	61,389	6,221,743	17,989,846	5,200,490	13,538,194 j	23,595	44,710,118	44,710,118	
1950	1,868,317	1,281,607	52,275	6,528,466	17,112,757	5,211,307	14,066,493 k	28,690	42,339,255	42,339,255	
1951	1,894,035	985,177	30,133	5,775,808	14,882,432	5,749,967	13,021,079 m	26,762	42,389,055	42,389,055	
1952	1,899,297	760,695	868	5,303,505	13,774,952	5,326,146	12,977,572 n	24,055	40,067,130	40,067,130	
1953	1,561,836	745,619	21,811	3,555,612	10,201,927	4,247,561	10,112,880 o	18,085	30,495,391	30,495,391	
1954	1,272,419	639,990	52,281	2,903,470	10,675,181	3,283,315	7,836,675	20,238	26,612,312	26,612,312	
1955	1,746,692	639,990	212,239	2,594,928	9,921,275	2,749,383	8,057,660 p	9,625	25,934,792	25,934,792	
1956	1,746,287	841,201	252,495	3,232,566	9,762,753	3,524,853	8,801,402 q	5,715	28,175,633	28,175,633	
1957	1,746,287	850,147	195,499	2,690,170	8,389,265	3,415,611	8,518,317 r	6,811	25,163,466	25,163,466	
1958	623,042	888,009	123,861	2,084,100	6,774,033	2,600,831	7,307,839 s	15,174	20,456,475	20,456,475	
1959	518,252	692,224	112,720	2,117,827	6,172,748	2,551,604	7,432,912 t	8,052	17,670,617	17,670,617	
1960	519,583	741,231	129,002	1,853,008	5,380,696	2,141,599	6,933,916 u	13,828	17,721,113	17,721,113	
1961	579,106	1,611,121	108,542	1,194,971	5,307,953	2,004,278	6,827,844 v	16,534	16,506,612	16,506,612	
1962	497,925	1,111,185	110,384	1,079,459	6,090,572	1,702,891	6,583,012 w	10,786	5,589	11,552,441	
1963	727,445	445,749	230,324	964,444	6,112,375	2,082,968	6,531,130 x	8,729	1,499	17,411,202	
1964	551,442	910,704	331,555	879,898	5,649,906	2,267,083	6,011,519 y	15,081	1,499	16,524,687	
1965	444,826	416,272	196,495	660,558	5,346,676	1,600,886	5,538,420 z	23,096	2,395	11,229,817	
1966	507,724	299,622	167,568	501,187	4,478,217	1,431,414	4,624,032 aa	30,474	1,193	12,031,375	
1967	545,089	507,622	162,213	471,073	4,192,283	1,117,420	4,261,992 bb	34,766	369	11,552,441	
1968	533,757	309,860	122,743	558,459	3,476,065	1,680,202	4,297,648	37,459	9,589	11,025,442	

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Forty Year Study of Anthracite, by Counties #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUTZENE	NORTHMEAD	SCHWILKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	4,776	2,213	2,043	35,817	63,308	14,660	37,672	584	1,178	99	162,303
1920	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
1931	4,160	1,290	1,766	59,225	59,225	11,326	25,654	586	254	342	138,400
1932	3,870	997	1,657	29,707	50,231	10,084	21,507	703	454	297	119,500
1933	3,392	1,009	1,285	21,375	44,450	7,980	21,547	718	203	540	102,469
1934	4,344	918	1,126	22,854	46,737	8,161	21,682	510	200	209	106,251
1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	596	403	259	100,539
1936	5,517	1,697	886	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,871	877	19,188	45,755	7,489	19,002	486	158	69	99,117
1938	4,713	1,951	918	17,818	45,731	7,473	18,085	290	12	20	97,021
1939	4,686	1,943	904	17,875	43,344	7,637	16,494	295	235	19	93,352
1940	4,664	1,644	867	16,860	43,238	7,397	16,039	187	115	17	90,790
1941	4,446	1,489	587	14,974	43,726	7,397	16,615	144	37	16	88,849
1942	4,433	1,486	553	14,388	39,219	6,485	16,915	104	38	13	83,707
1943	4,337	1,316	130	13,064	35,807	6,498	18,052	164	14	*	79,369
1944	4,940	1,711	119	12,344	33,660	6,409	18,721	211	*	*	78,145
1945	4,588	1,954	195	11,400	32,888	5,877	19,127	207	29	*	76,265
1946	4,599	2,162	300	12,400	34,526	6,124	20,613	181	44	*	80,556
1947	4,891	2,319	152	12,381	33,869	6,536	20,502	127	53	*	80,730
1948	4,637	1,963	61	12,222	34,282	6,521	20,523	140	11	*	80,390
1949	4,420	1,760	83	11,702	35,040	6,009	20,047	104	44	*	79,209
1950	3,739	1,705	125	11,005	33,176	5,852	19,458	101	70	*	75,231
1951	3,872	1,496	153	10,440	30,596	5,583	18,159	63	9	*	70,357
1952	3,279	1,352	10	9,717	28,512	5,538	17,937	61	-	-	66,438
1953	2,987	1,298	71	8,496	23,974	4,949	15,116	20	-	-	56,952
1954	2,883	957	72	7,074	17,202	4,090	12,747	106	-	-	44,731
1955	2,197	1,121	203	7,074	17,202	4,380	10,123	20	-	-	37,397
1956	2,092	1,104	210	4,954	14,399	3,169	9,806	7	-	8	35,029
1957	1,892	1,143	191	4,415	14,218	3,239	9,544	25	-	-	32,767
1958	837	1,064	167	4,309	12,442	3,032	8,512	22	3	18	26,738
1959	613	853	208	3,235	8,397	2,857	7,923	21	4	10	24,112
1960	759	583	208	2,937	6,002	2,817	6,928	16	3	6	20,289
1961	349	416	201	2,167	5,126	2,689	5,998	13	3	6	16,971
1962	339	387	223	1,523	4,558	2,115	5,538	13	-	14	14,704
1963	366	366	187	1,239	4,626	1,994	5,497	13	-	-	14,323
1964	334	549	188	1,171	4,538	1,948	4,832	17	5	3	13,584
1965	200	288	159	992	4,167	1,647	4,363	19	3	3	11,839
1966	231	158	117	915	3,428	1,312	3,437	15	5	3	9,621
1967	224	240	90	475	3,021	866	2,892	15	5	3	7,828
1968	198	188	77	421	2,366	765	2,646	15	6	-	6,682

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FORTY YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERN	NORTHUMBER	SCHUYLKILL	SULLIVAN	SUSQUE-	WAYNE	DIVISION
1924	1,325,990	428,917	566,352	9,879,932	17,094,203	1,008,180	10,234,942	85,557	350,817	20,205	44,054,111
1930	1,325,978	427,535	571,794	7,689,354	12,990,705	1,010,332	6,482,976	38,484	52,749	43,458	31,676,665
1931	1,325,978	427,535	571,794	7,689,354	12,990,705	1,010,332	6,482,976	38,484	52,749	43,458	31,676,665
1932	537,601	160,097	246,268	5,011,732	7,724,183	2,100,810	4,718,590	36,404	46,661	61,688	24,955,113
1933	455,966	157,495	204,098	4,462,932	7,539,709	1,681,984	3,516,543	37,632	38,976	31,228	19,173,874
1934	756,134	266,878	218,595	5,384,563	8,991,190	1,958,718	4,097,456	88,891	38,976	64,680	18,304,721
1935	727,416	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	87,390	56,430	21,842,955
1936	781,883	367,474	211,498	4,439,859	8,084,873	1,606,329	3,598,172	127,098	1,275	44,585	18,811,287
1937	725,560	378,726	176,737	3,564,769	6,680,115	1,395,236	3,406,363	52,506	13,618	9,174	18,103,374
1938	783,486	372,540	175,948	3,162,859	7,699,347	1,316,707	3,039,160	28,581	3,570	9,714	18,403,374
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408	21,382	43,656	2,735	17,225,261
1940	789,147	316,868	176,868	3,288,238	7,959,512	1,328,685	3,067,419	24,683	2,735	2,144	16,979,821
1941	846,859	374,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577	27,035	5,708	2,544	17,676,304
1942	1,021,633	349,214	21,313	3,462,164	10,163,813	1,535,344	3,972,271	21,884	8,066	9,432	20,565,137
1943	1,156,102	351,130	37,110	3,571,795	9,902,178	1,680,211	4,659,538	39,286	3,276	*	23,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,248,301	1,681,792	5,125,620	59,589	5,054	*	22,803,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602	53,692	16,225	*	20,229,484
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	22,392	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
1948	1,259,080	319,830	12,152	3,409,360	9,611,708	1,725,123	5,130,772	28,335	7,704	*	21,534,064
1949	870,672	511,400	9,553	2,618,620	6,578,335	1,405,854	4,338,959	12,760	16,320	*	16,362,473
1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437	14,265	30,131	*	17,600,000
1951	738,600	369,305	27,540	2,420,001	6,110,011	1,693,285	4,340,356	13,652	2,250	-	15,715,000
1952	699,734	301,122	10,857	2,041,500	5,989,000	1,149,720	3,790,865	12,970	-	-	13,995,768
1953	502,738	211,212	9,945	1,397,249	4,483,055	880,576	2,676,231	8,875	-	-	10,169,884
1954	367,751	164,373	839,153	839,153	4,483,055	948,934	2,264,934	5,849	-	-	7,691,416
1955	377,622	152,351	31,643	842,613	3,015,005	539,882	1,768,767	1,953	-	-	6,709,836
1956	444,199	202,062	45,290	983,114	2,982,331	666,321	2,009,587	2,142	-	544	7,305,590
1957	267,133	213,100	39,381	825,397	2,364,390	670,183	1,803,176	1,820	-	-	6,485,180
1958	186,841	181,801	32,798	555,748	1,812,300	558,029	1,574,124	4,286	600	3,618	4,870,315
1959	88,229	112,597	32,264	602,415	1,270,903	535,469	1,382,621	2,950	-	536	4,157,984
1960	77,790	33,350	33,350	531,703	1,374,306	486,175	1,151,822	4,500	340	900	3,638,309
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644	4,176	363	696	3,321,787
1962	79,582	64,902	32,008	299,472	1,994,943	390,864	1,123,798	2,159	368	246	2,992,342
1963	102,359	55,766	38,158	259,189	1,098,611	432,184	1,100,446	1,730	-	2,576	3,090,999
1964	68,057	104,052	37,552	250,347	1,057,471	408,207	1,002,987	1,624	-	310	2,930,607
1965	35,696	61,212	27,974	166,990	852,831	297,408	811,710	2,693	660	360	2,256,834
1966	34,001	37,488	21,826	729,437	233,234	233,234	652,550	2,221	106	30	1,828,158
1967	45,337	64,373	17,150	96,979	675,177	193,816	611,087	3,749	188	-	1,707,956
1968	52,421	39,626	15,786	100,916	520,398	172,550	593,675	3,762	168	-	1,499,602

Man-days

FORTY YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAVER.	DIVISION
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1931	176	178	198	185	175	185	185	66	183	198	180
1932	139	161	167	169	154	181	164	96	57	106	160
1933	134	156	191	209	170	211	175	174	192	127	179
1934	174	218	221	235	192	240	195	174	269	270	206
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	181	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168 a	103	85	163	171
1939	175	161	205	180	190	194	175 b	100	186	144	185
1940	180	191	201	195	183	180	191 c	132	142	142	187
1941	190	181	221	205	196	217	196 d	188	154	159	199
1942	230	235	39	241	259	236	234 e	210	212	219	246
1943	267	267	287	273	277	259	258 f	239	234	*	269
1944	293	292	312	300	304	262	274 g	282	174	*	292
1945	265	267	261	270	274	258	250 h	260	272	*	265
1946	262	234	74	275	278	257	251	217	272	*	266
1947	269	270	139	272	283	269	277	183	255	-	277
1948	272	163	199	279	281	265	250 i	202	188	-	268
1949	197	291	115	224	188	216	216 j	123	260	-	207
1950	220	280	195	235	205	280	250 k	140	280	-	220
1951	193	227	180	250	222	240	241 m	192	250	-	233
1952	213	222	224	240	238	210	215 n	206	-	-	211
1953	168	163	140	164	187	178	177 o	146	-	-	179
1954	148	172	210	119	179	232	178	55	-	-	172
1955	172	136	156	171	209	219	175 p	97	-	-	179
1956	198	183	216	223	210	210	175 q	306	-	68	209
1957	141	186	206	192	190	207	189	260	-	-	189
1958	175	171	196	186	188	185	185 s	171	200	201	182
1959	144	167	155	186	163	187	175 t	134	-	134	172
1960	102	133	160	181	212	173	166 u	214	85	90	180
1961	227	166	160	202	222	242	192 v	261	121	116	196
1962	235	168	148	197	219	185	203 w	166	184	41	204
1963	264	152	204	209	237	217	200 x	133	-	184	216
1964	204	190	200	214	233	210	208 y	85	-	62	216
1965	187	188	171	168	223	180	196 z	158	220	120	191
1966	186	178	196	118	223	178	190 aa	148	81	10	190
1967	202	268	191	204	224	224	211 bb	250	37	-	218
1968	265	146	205	240	220	226	225	251	78	-	224

Aver-  
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FORTY YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARSON	COLUMBIA	DARTMOUTH	LACKAWANNA	LUZERN	PAITHOLD	SCHUYLKILL	SULLY	SUSQUEHANNA	WAYNE	DIVISION
1924	11	11	7	125	193	38	110	-	1	-	196
1930	11	-	5	108	164	29	123	-	1	3	444
1931	6	4	4	116	151	32	67	1	1	3	384
1932	3	1	8	59	116	13	42	-	-	1	213
1933	3	-	1	59	110	14	43	2	-	-	232
1934	7	4	2	59	114	24	47	1	2	-	260
1935	4	3	2	50	123	16	61	3	-	-	267
1936	4	-	2	50	137	14	34	-	-	-	241
1937	5	6	9	35	102	15	38	-	-	1	212
1938	6	4	5	49	102	13	44	1	-	-	223
1939	7	5	3	46	108	13	27	-	1	-	210
1940	6	2	3	35	93	10	33	-	-	-	182
1941	8	2	3	37	98	7	35	-	-	-	189
1942	4	6	2	35	128	16	36	-	-	-	225
1943	7	5	-	36	103	13	54	-	-	-	218
1944	12	4	1	37	70	15	32	-	-	-	171
1945	6	6	-	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	-	25	104	13	15	-	-	-	166
1948	5	5	-	18	65	5	34	-	-	-	131
1949	3	1	-	8	60	2	18	-	-	-	92
1950	4	2	-	8	52	9	11	-	-	-	86
1951	4	3	-	13	44	8	22	-	-	-	94
1952	4	5	-	10	37	10	22	-	-	-	92
1953	3	1	-	7	30	3	15	-	-	-	59
1954	1	2	-	7	27	2	8	-	-	-	47
1955	5	-	-	5	32	6	12	-	-	-	60
1956	4	4	-	7	23	6	14	-	-	-	54
1957	3	1	1	7	20	6	10	-	-	-	51
1958	1	2	-	2	15	4	9	-	-	-	31
1959	1	1	-	6	24	4	5	-	-	-	46
1960	1	1	-	11	14	3	4	-	-	-	35
1961	1	1	-	1	10	3	4	-	-	-	19
1962	1	-	-	-	11	1	14	-	-	-	28
1963	1	1	-	3	12	4	9	-	-	-	30
1964	-	1	-	1	7	8	8	-	-	-	24
1965	-	2	1	-	2	1	3	-	-	-	8
1966	-	-	-	-	2	-	3	-	-	-	5
1967	-	-	-	-	4	2	3	-	-	-	9
1968	-	-	-	2	2	-	-	-	-	-	4

Fatal-  
ities

FORTY YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUTZERN	NORTHUMBER.	SCHUYLKILL	SULLY	SUSQUE.	WAYNE	DIVISION
1921	211,347	91,975	159,007	163,139	179,851	189,672	171,993	-	655,000	-	175,963
1930	159,167	-	173,173	111,786	167,115	232,731	127,125	-	232,731	-	151,902
1931	311,317	216,356	189,069	110,071	157,395	179,021	192,222	75,512	91,296	140,991	151,902
1932	607,301	1,071,966	81,135	198,801	166,821	369,938	219,515	-	-	121,196	203,710
1933	531,803	-	652,057	187,972	180,559	361,179	238,119	63,051	-	-	213,395
1934	293,952	229,380	315,918	210,861	188,056	210,296	271,722	189,070	89,618	-	218,468
1935	125,755	271,934	70,475	208,715	171,213	311,830	170,126	59,711	-	-	122,356
1936	168,149	-	200,379	223,091	155,581	372,011	362,718	-	-	-	125,162
1937	115,280	208,507	53,823	260,500	220,162	306,917	301,620	-	-	102,858	213,869
1938	321,629	289,178	85,174	172,211	199,661	311,676	222,111	-	121,791	-	207,187
1939	359,165	192,869	158,987	199,869	216,160	370,103	366,138	-	-	-	211,761
1940	362,558	513,813	168,519	261,556	213,785	419,916	310,672	-	-	-	283,112
1941	300,218	533,736	-	212,536	218,127	701,868	337,776	-	-	-	285,108
1942	699,200	166,351	-	266,983	201,307	330,995	375,568	-	-	-	257,509
1943	150,120	172,203	-	251,157	233,812	412,212	322,150	-	-	-	277,577
1944	303,710	286,985	299,319	251,796	351,129	382,896	588,581	-	-	-	371,927
1945	527,513	186,871	-	299,371	397,609	281,697	522,853	187,007	-	-	1405,081
1946	527,701	212,959	-	335,191	288,236	528,566	195,037	105,862	-	-	366,738
1947	731,152	301,577	-	311,527	211,152	521,501	1,083,979	-	-	-	359,771
1948	568,379	559,832	-	1,153,201	332,182	1,387,168	1,508,101	-	-	-	451,212
1949	708,891	1,380,732	-	777,718	266,197	2,600,215	752,121	-	-	-	485,980
1950	1,071,079	610,501	-	815,808	329,091	579,031	1,276,772	-	-	-	536,869
1951	1,473,509	328,392	-	1,111,293	338,237	718,716	591,867	-	-	-	450,917
1952	237,112	152,130	-	530,355	372,296	532,615	589,890	-	-	-	435,512
1953	520,612	715,619	-	507,919	310,061	1,115,851	676,192	-	-	-	516,871
1954	1,272,119	281,366	-	1,111,781	395,377	1,611,657	979,581	-	-	-	566,219
1955	319,938	-	-	518,986	310,010	1,158,231	671,172	-	-	-	132,217
1956	136,572	-	-	161,795	421,168	587,176	628,672	-	-	-	521,771
1957	369,011	212,620	195,199	382,916	119,163	569,269	851,832	-	-	-	193,101
1958	888,009	-	-	1,017,085	151,602	650,208	811,982	-	-	-	659,886
1959	518,252	316,112	-	357,971	257,197	637,901	1,161,726	-	-	-	127,622
1960	519,583	1,713,231	-	1,681,555	381,335	801,866	1,386,229	-	-	-	506,318
1961	579,106	-	-	1,191,971	530,795	668,093	1,703,517	-	-	-	868,769
1962	-	-	-	-	553,688	1,702,891	1,469,279	-	-	-	631,171
1963	727,155	115,719	-	321,191	531,365	520,712	720,518	-	-	-	580,373
1964	-	-	-	879,898	807,129	283,385	717,312	-	-	-	688,569
1965	-	208,136	196,195	-	2,673,338	1,600,886	2,717,159	-	-	-	1,778,727
1966	-	-	-	-	2,239,108	-	1,511,311	-	-	-	2,106,275
1967	-	-	-	-	1,018,071	-	1,511,311	-	-	-	1,283,605
1968	-	-	-	279,229	1,738,032	708,710	1,115,761	-	-	-	2,756,370

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## FORTY YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	8.30	22.05	12.36	12.05	11.29	9.48	10.77	-	2.85	-	11.25
1925	11.89	-	13.45	14.05	12.62	9.63	10.77	-	18.96	69.03	11.02
1931	8.21	17.38	11.46	18.45	11.58	15.23	14.11	26.04	-	44.35	15.39
1932	5.58	6.25	28.96	11.77	15.02	7.13	11.91	-	-	32.02	12.67
1933	6.58	4.10	13.22	13.22	11.59	8.32	11.91	36.95	-	-	12.68
1934	9.25	19.34	8.05	10.96	12.68	12.25	11.97	11.25	37.17	-	11.19
1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	-	-	11.19
1936	5.42	-	14.13	11.62	17.02	8.71	9.45	-	-	-	12.56
1937	6.09	15.84	50.92	9.82	11.75	10.75	11.16	19.04	-	102.94	12.56
1938	7.66	10.74	28.42	15.49	13.25	9.87	14.48	-	-	-	13.45
1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35	-	22.91	-	13.45
1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76	-	-	-	12.19
1941	9.45	7.29	15.41	12.08	11.41	4.73	10.73	-	-	-	10.69
1942	3.92	17.18	-	10.11	12.59	10.42	9.06	-	-	-	10.94
1943	6.05	11.24	-	10.08	10.40	7.74	11.59	-	-	-	10.19
1944	8.30	8.00	21.51	9.99	6.83	8.92	6.24	-	-	-	7.50
1945	4.94	11.49	-	8.78	5.88	8.57	6.69	18.56	-	-	6.82
1946	4.99	11.84	-	8.16	8.23	7.63	7.34	25.41	-	-	7.88
1947	3.03	7.98	-	7.39	10.83	7.26	2.66	-	-	-	7.41
1948	3.97	9.38	-	5.57	6.74	2.90	6.65	-	-	-	6.08
1949	1.45	1.96	-	3.06	9.42	1.42	4.15	-	-	-	5.82
1950	4.86	3.60	-	3.45	7.83	4.59	2.18	-	-	-	4.89
1951	5.42	8.12	-	5.37	7.20	4.72	5.07	-	-	-	5.96
1952	11.43	16.60	-	4.90	6.18	8.70	5.80	-	-	-	6.57
1953	5.97	4.73	-	5.01	6.69	3.41	5.60	-	-	-	5.80
1954	2.72	1.22	-	8.34	8.75	2.11	3.53	-	-	-	6.11
1955	13.24	-	-	5.93	10.61	11.54	6.78	-	-	-	8.94
1956	9.66	-	-	7.12	9.00	9.00	6.07	-	-	-	7.39
1957	11.23	-	25.39	8.48	8.46	8.95	5.54	-	-	-	8.25
1958	-	5.50	-	3.60	8.28	7.17	5.72	-	-	-	6.37
1959	11.33	14.03	-	9.96	17.51	7.47	6.51	-	-	-	11.06
1960	12.86	12.92	-	20.68	10.99	6.17	4.34	-	-	-	9.82
1961	12.65	-	-	2.28	8.77	7.35	3.47	-	-	-	5.72
1962	-	-	-	-	11.02	2.56	12.46	-	-	-	8.69
1963	9.77	17.93	-	11.57	10.92	9.26	8.18	-	-	-	9.71
1964	-	-	-	3.99	6.62	19.60	7.98	-	-	-	8.19
1965	-	32.67	36.66	-	2.35	3.36	2.46	-	-	-	3.54
1966	-	-	-	-	2.74	-	4.60	-	-	-	2.73
1967	-	-	-	-	5.92	-	4.91	-	-	-	5.26
1968	-	-	-	19.82	3.84	10.13	-	-	-	-	2.67

Fatal-  
ities  
per  
mil-  
lion  
man-  
days

EXPLANATION OF SYMBOLS USED IN THIS REPORT

	a - Includes	6,184	tons	13 employees,	12½ days and 1,612 man-days for Lebanon County	
b -	"	13,927	"	5	"	"
c -	"	17,330	"	13	136	"
d -	"	30,716	"	26	187	"
e -	"	35,641	"	39	118	"
f -	"	21,981	"	22	257	"
g -	"	21,550	"	14	210	"
h -	"	37,690	"	41	241	"
i -	"	21,982	"	6	223	"
j -	"	21,763	"	7	226	"
k -	"	22,978	"	5	267	"
m -	"	26,567	"	13	308	"
n -	"	24,767	"	11	286	"
o -	"	6,560	"	10	46	"
p -	"	3,752	"	20	120	"
q -	"	6,359	"	22	107	"
r -	"	3,550	"	5	188	"
s -	"	9,106	"	6	98	"
t -	"	4,450	"	6	153	"
u -	"	2,770	"	3	230	"
v -	"	13,654	"	5	72	"
w -	"	13,101	"	7	118	"
x -	"	26,192	"	15	192	"
y -	"	33,019	"	14	124	"
z -	"	43,000	"	10	163	"
aa -	"	39,237	"	9	70	"
bb -	"	2,700	"	5	18	"
cc -	"		"			"

NOTE: The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are a part of this report.

\* Not segregated from Lackawanna County.

# In 1955, and subsequent years, the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.



# **PRODUCTION TABLE**





## District 1

County	Production - net tons				Pounds		Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
	Shipped to market:	By rail:	By truck:	Sold to local trade:	Used at colliery for steam and heat:	Total production:				
Lackawanna	3	222	46	7	278 1	-	-	-	-	-
Lackawanna	2	160	84	5	251 3	-	-	-	-	-
Luzerne	2,052	3,316	487	-	5,855	55,720	4,800	56	*	2
Luzerne	2,773	4,660	887	-	8,320	74,280	6,800	63	*	-
Total	4,825	7,976	1,374	-	11,175 k	130,000	11,600	*	-	2
Luzerne	58,552	52,897	30,633	1,180	143,262 1	1,986,034	26,766	359	72	5
Lackawanna	579	729	1,371	-	2,679	1,050	850	113	4	-
Lackawanna	3,666	4,617	8,690	-	16,973	189,650	16,700	304	10	-
Lackawanna	7,422	9,345	17,592	-	34,359	94,750	7,250	215	17	1
Lackawanna	-	-	-	-	-	-	-	6	2	-
Lackawanna	-	-	-	-	- m	-	-	11	5	-
Total	11,667	11,691	27,653	-	54,011 d	285,450	24,800	38	1	-
Lackawanna	3,305	4,163	7,836	-	15,304 n	125,000	3,000	295	5	-
Lackawanna	2,917	1,062	2,393	20	6,392 o	-	-	20	7	-
Luzerne	240	302	567	-	1,109 p	-	-	24	7	-
District Total	347,404	279,246	457,071	1,697	1,085,418	5,292,472	295,376	300	432	2 18

NOTE: \* Workmen transferred to other operations of same company.

- (a) All coal prepared at Bliss Crushing Plant.  
 (b) All coal prepared at Huber Breaker - District 5.  
 (c) 15,814 tons prepared at Loree Breaker - District 5.  
 (d) 19,456 tons prepared at Huber Breaker - District 5.  
 (e) All coal prepared at Raymond Breaker - District 5.  
 (f) 7,955 tons prepared at Huber Breaker - District 5.  
 (g) 1,215 tons prepared at Taylor Breaker - District 5.  
 (h) 2,588 tons prepared at Raymond Breaker - District 5.  
 (i) 273 tons prepared at Huber Breaker - District 5.  
 (j) 112,869 tons prepared at Taylor Breaker - District 5.  
 (k) 106,285 tons prepared at Raymond Breaker - District 5.  
 (l) 4,270 tons prepared at Kassa Breaker - District 5.  
 (m) 16,420 tons prepared at Boland Breaker - District 5.  
 (n) 2,354 tons prepared at Bel Air Breaker - District 5.
- (g) 251 tons prepared at Ace Breaker - District 5.  
 (h) All coal purchased by United States Government.  
 (i) All coal prepared at Booth Cleaning Plant.  
 (j) All coal prepared at Ace Breaker - District 5.  
 (k) 201 tons prepared at Ace Breaker - District 5.  
 (l) 50 tons prepared at O'Toole Cleaning Plant - District 5.  
 (m) Construction grading at Airport.  
 (n) All coal prepared at Glen Lyon Breaker - District 6.  
 (o) All coal prepared at Harry E Breaker - District 5.  
 (p) New operation - no coal produced during 1968.  
 (q) 5,955 tons prepared at Ace Breaker - District 5.  
 (r) 5,869 tons prepared at Pompey Breaker - District 5.  
 (s) 1,860 tons prepared at Kassa Breaker - District 5.  
 (t) 2,170 tons prepared at Penbrook Breaker - District 5.



## District 2

Operators and Collieries	County	Production - net tons				Pounds of dynamite used	Days worked	Emplo-ees	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market by railroad	By truck	Sold to local trade	Used at colliery for steam and heat	Total production				
Jeddo-Highland Coal Co.										
J-41 Strip	22-8 Luzerne	102,396	112,209	28,286	2,717	245,608 h	-	257	108	-
J-42 Strip	22-8 Luzerne	98,291	80,800	24,961	1,665	205,717 i	-	334	59	-
J-43 Strip	22-8 Luzerne	20,024	19,125	5,302	433	44,884 j	-	69	46	-
J-44 Strip	22-8 Luzerne	220,711	212,134	58,549	4,815	496,209	-	6,025	851	2
Total										
Lehigh Valley Anthracite, Inc.										
Stockton Basin Strip	16-8 Luzerne	27,468	38,536	8,275	1,024	75,303 k	-	855	768	3
Upper Lehigh No. 2 Strip	16-15 Luzerne	423	343	107	7	880 l	-	43	314	1
Lattimer Mines Strip	16-19 Luzerne	1,521	1,234	304	25	3,164 m	-	21	423	9
Total		29,412	40,113	8,766	1,056	79,347	-	926	505	4
Meadow Coal & Excavating Co., Inc.										
Oneida Strip	Schuylkill	-	508	2,667	-	3,175 n	-	1,200	157	6
District Total		781,627	507,805	250,266	6,778	1,546,476	-	12,114	645	149

NOTE: (a) 33,093 tons prepared at Blaschak Breaker - District 12  
 12,425 tons prepared at Honeybrook Breaker - District 7  
 (b) All coal prepared at Blaschak Breaker - District 12.  
 (c) All coal prepared at Owen Breaker - District 7.  
 (d) All coal prepared at Greenwood Breaker - District 12.  
 (e) All coal prepared at Honeybrook Breaker - District 7.  
 (f) 85,105 tons prepared at Buckley Breaker - District 7.  
 5,524 tons prepared at Blaschak Breaker - District 12  
 (g) All coal prepared at Buckley Breaker - District 7.

## District 3

Operators and Collieries	County	Production - net tons				Pounds of dynamite used	Days worked	Emplo-ees	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market by railroad	By truck	Sold to local trade	Used at colliery for steam and heat	Total production				
Buck Coal Co.										
Aristes Strip	49-1 Columbia	-	7,751	-	-	7,751 a	-	258	2	-
Capparell Striping & Construction Co., Inc.										
Kobinoor Strip	19-1 Schuylkill	-	8,541	-	-	8,541	-	16	15	2
Locust Mountain Strip	19-2 Schuylkill	-	16,688	-	-	16,688	-	110	400	19
East Bear Ridge Strip	19-3 Schuylkill	-	5,039	-	-	5,039	-	84	10	-
Total		-	30,288	-	-	30,288 b	-	157	550	2
Counyngnam Contracting Co.										
Potts Strip	91-6 Columbia	-	8,375	-	-	8,375	-	13,300	85	6
Potts Strip	91-7 Northumberland	-	3,179	-	-	3,179	-	2,000	221	1
Alaska No. 1 Strip	91-8 Northumberland	-	4,478	-	-	4,478	-	32,000	84	24
Alaska No. 2 Strip	91-9 Northumberland	-	24,086	-	-	24,086	-	54,000	212	-
Total		-	40,118	-	-	40,118 c	-	101,300	30	2
D. & Z. Coal Co.										
Springfield Strip	140-1 Northumberland	-	261	-	-	261 a	-	25	36	2

(h) 110,574 tons prepared at Jeddo No. 7 Breaker - District 7  
 135,094 tons prepared at Hazleton Shaft Breaker - District 7  
 (i) 200,661 tons prepared at Jeddo No. 7 Breaker - District 7  
 5,056 tons prepared at Hazleton Shaft Breaker - District 7  
 (j) 31,515 tons prepared at Jeddo No. 7 Breaker - District 7  
 13,369 tons prepared at Hazleton Shaft Breaker - District 7  
 (k) All coal prepared at Hazleton Shaft Breaker - District 7  
 (l) All coal prepared at Jeddo No. 7 Breaker - District 7.  
 (m) All coal prepared at Wesner Breaker - District 7

Operators and Collieries	County	District 3									
		Production - net tons					Pounds				
		Shipped to market :	By :	Used at :	Total :	Permissible :	Used :	Days worked :	Empl- oves :	Fatal acci- dents :	Non-fatal acci- dents :
		By railroad	By truck	Local trade and hest	production :	production :	Used :				
Folger & Chapleski											
Excelsior Strip	119-2	-	3,585	-	3,585	-	16,850	233	2	-	-
Enterprise Strip	119-3	-	1,025	-	1,025	-	-	100	2	-	-
Henry Clay Strip	119-4	-	2,820	-	2,820	-	-	208	2	-	-
Total		-	7,430	-	7,430	-	16,850	-	6	-	-
Glenn Brass Coal Co.											
West Cameron Strip	106-5	-	6,611	-	6,611	-	1,000	228	2	-	-
Glozek Brothers Coal Sales, Inc.											
Big Mountain Strip	15-9	-	870	-	870	-	-	81	3	-	-
Burnside Strip	15-10	-	3,395	-	3,395	-	-	157	-	-	-
Total		-	4,265	-	4,265	-	-	-	3	-	-
Hovells, Thomas & Olaf. Stanley											
Marion Heights #1 Strip	1-8	-	5,154	-	5,154	-	-	219	2	-	-
Marion Heights #2 Strip	1-9	-	330	-	330	-	-	38	-	-	-
Total		-	5,484	-	5,484	-	-	-	2	-	-
Jet Coal Co.											
Richards Strip	3-5	-	1,500	-	1,500	-	-	221	4	-	-
Richards Strip	3-6	-	200	-	200	-	-	20	-	-	-
Total		-	1,700	-	1,700	-	-	-	4	-	-
K. & J. Coal Co.											
Midvalley No. 3 Strip	141-1	-	1,640	-	1,640	-	220	76	2	-	-
Kerris & Helfrick, Inc.											
Morris Ridge Strip	7-1	-	10,279	-	10,279	-	60,000	58	6	-	-
Edgewood Strip	7-11	-	16,698	-	16,698	-	11,000	-	-	-	-
Mayville Strip	7-15	-	12,067	-	12,067	-	5,000	100	4	-	-
Mayville Strip	7-18	-	26,354	-	26,354	-	15,000	98	-	-	-
Sayre Strip	7-17	-	80,306	-	80,306	-	110,000	238	6	-	-
Suartsville Strip	7-16	-	100,316	-	100,316	-	100,000	249	9	-	-
Trevorton Strip	7-19	-	24,309	-	24,309	-	30,000	63	-	-	-
Total		-	270,329	-	270,329	-	370,000	34	-	-	-
Lehigh Valley Anthracite, Inc.											
Continental Strip	16-9	-	-	-	-	-	-	277	20	-	-
Girard Strip	16-10	-	6,686	-	6,686	-	-	216	16	-	-
Germanatown Strip	16-12	-	2,550	-	2,550	-	1,100,000	302	70	-	-
Primrose Strip	16-14	-	530	-	530	-	3,250,000	302	70	-	-
Coplay Strip	16-16	-	75,206	-	28,688	-	1,200,000	302	70	-	-
Mammoth-Hammond Strip	16-17	-	373	-	373	-	-	12	-	-	-
Total		-	18,957	-	7,231	-	459,860	302	18	-	-
Long Coal Co., Willard											
Kulpmont No. 1 Strip	129-1	-	153,879	-	153,879	-	6,009,860	201	-	-	-
		-	1,741	-	1,741	-	-	180	3	-	-

Operators and Collieries	County	Production - net tons					Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market :		Used at :		Total : production :					
		By railroad	By truck	Sold to local trade	Used at colliery for steam and heat						
<b>Mined, Inc.</b>											
Trevorton Strip	Northumberland	-	10,718	-	-	10,718 e	57,255	178	6	-	-
North line Coal Co.	Northumberland	-	23,920	-	-	23,920 h	83,950	291	12	-	1
Burnside Strip	Northumberland	-	2,247	-	-	2,247	-	34	4	-	-
R. B. F. Coal Co.	Northumberland	-	21,236	-	-	21,236	-	235	8	-	-
Edgewood Strip	Northumberland	-	8,749	-	-	8,749	-	133	5	-	-
Hickory Swamp #1 Strip	Northumberland	-	32,232	-	-	32,232 i	-	-	17	-	-
Hickory Swamp #2 Strip	Northumberland	-	-	-	-	-	-	-	-	-	-
<b>Total</b>											
Reading Anthracite Co.											
Knickerbocker M-112 Strip	Schuylkill	24,387	7,178	14,278	-	45,843	816,002	264	17	-	2
Knickerbocker M-112A	Schuylkill	29,608	8,752	17,410	-	55,770	1,480,274	292	15	-	-
Trevorton S-5 Strip	Northumberland	61,109	5,417	19,086	-	85,612	1,303,260	281	19	-	1
Trevorton S-5A Strip	Northumberland	-	-	-	-	-	-	281	1	-	-
<b>Total</b>		115,104	21,347	50,774	-	187,225 j	3,599,536	-	52	-	3
<b>Rosini Coal Co.</b>											
Bear Valley Strip	Northumberland	-	47,862	-	-	47,862	70,000	225	12	-	-
Bear Valley Strip #7	Northumberland	-	2,868	-	-	2,868	20,000	47	-	-	-
Bear Valley Strip	Northumberland	-	4,344	-	-	4,344	5,000	27	-	-	-
Sterling #1 Strip	Northumberland	-	4,581	-	-	4,581	-	47	-	-	-
<b>Total</b>		-	59,655	-	-	59,655 k	95,000	-	12	-	-
<b>S. &amp; D. Coal Coal Co.</b>											
Hickory Swamp Strip	Northumberland	-	4,500	-	-	4,500 a	-	200	2	-	-
S. & S. Contracting Co.	Northumberland	-	3,650	-	-	3,650 a	-	248	3	-	-
Midvalley #2 Strip	Northumberland	-	-	-	-	-	-	-	-	-	-
Sanchez Construction Co.	Columbia	-	21,067	-	-	21,067 l	30,000	123	12	-	1
Logan Strip	Northumberland	-	-	-	-	-	-	-	-	-	-
Savitski Brothers Coal Sales	Northumberland	-	1,494	-	-	1,494 m	-	79	3	-	-
Roaring Creek Strip	Northumberland	-	1,957	-	-	1,957	-	83	2	-	-
Split Vein Coal Co.	Northumberland	-	2,496	-	-	2,496	-	137	-	-	-
Henry Clay Strip	Northumberland	-	1,898	-	-	1,898	-	68	-	-	-
Bunker Hill Strip	Northumberland	-	1,567	-	-	1,567	-	26	-	-	-
Coal Run Fidler #2	Northumberland	-	7,918	-	-	7,918 n	-	-	2	-	-
<b>Total</b>		378,198	717,948	109,471	1,549	1,207,166	10,524,196	233	456	-	21
<b>District Total</b>											

NOTE: (a) All coal prepared at D. & Z. Breaker - District 11.  
 (b) All coal prepared at Rosa Breaker - District 7.

(c) 21,078 tons prepared at Glen Burn Breaker - District 10  
 12,930 tons prepared at Blaschak Breaker - District 11  
 3,336 tons prepared at Ron Lee Breaker - District 11  
 2,752 tons prepared at Ace Coal Sales - District 11



## District 3

## Production - net tons

Operators and Collieries	County	Shipped to market : By : : railroad : District 11.	Used at : : to colliery : local for steam : trade and heat	Pounds			Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
				Total : production (j)	permis- sible ex- posed (k)	dynamite used (l)				
NOTE: (d) All coal prepared at Lower Region Breaker - District 11.										
(e) All coal prepared at Sunshine Breaker - District 10.										
(f) All coal prepared at Mammoth Breaker - District 8.										
(g) All coal prepared at Glen Burn Breaker - District 10.										
(h) All coal prepared at Reidinger Breaker - District 11.										
(i) 23,517 tons prepared at Reidinger Breaker - District 10										
(j) 3,690 tons prepared at Savitski Breaker - District 9										
766 tons prepared at D. & Z. Breaker - District 11										
2,617 tons prepared at Split Vein Breaker - District 11										
1,134 tons prepared at Dimnick Breaker - District 11										

## District 4

Bell Coal Co.										
Bell Strip	121-2	3,860	8,114	1,967	39	13,980 a	-	289	2	-
Berritsky Brothers Coal Co.										
Berritsky Strip	112-2	672	714	1,700	14	3,100 b	-	2,000	70	2
HueBell Enterprises, Inc.										
New Philadelphia Strip	14-2	5,440	6,280	8,174	48	19,942 c	83,000	4,050	291	5
Brady, Incorporated										
Brady Strip	31-7R	814	5,228	2,674	12	8,728 d	-	-	240	6
C.L.S. Coal Co.										
Tracy Strip	125-2	577	2,112	199	-	2,888 e	-	-	143	4
Connors, Paul J.										
Connors Strip	134-2	3,244	-	-	-	3,244 f	-	150	306	3
D. & F. Coal Co.										
D. & F. Strip	138-2	632	5,804	922	26	7,384 g	-	-	151	5
Dando & Troup Coal Co.										
Scott Strip	34-2	480	3,222	766	12	4,480 h	-	-	110	2
H. & H. Incorporated										
H. & H. Strip	137-2	46	632	71	21	770 i	-	-	25	2
K. & M. Coal Co.										
K. & M. Strip	136-2	280	11,178	1,944	24	13,426 j	-	-	272	3
Kocher Coal Co., Inc., Leon E.										
Porter Tunnel Strip	90-7	2,650	6,479	1,442	50	10,621	784,135	-	305	6
Porter Tunnel Strip	90-8	35,124	95,471	9,828	70	140,493	97,035	-	305	16
Total		37,774	101,950	11,270	120	151,114 k	881,170	-	22	-
Koury Coal Co.										
Koury Strip	139-1	2,390	6,487	672	45	9,594 k	-	-	103	3
Krell, Philip										
Orchard Strip	61-3	-	1,922	946	-	2,868 l	-	-	263	1
North East Mining Co.										
North East Strip	130-3	866	7,020	528	16	8,430	-	-	118	5

## District 14

	County	Shipped to market:				Production - net tons				Pounds				Non-			
		By railroad	By truck	By local trade	By colliery	Used at colliery for steam and heat	Total production	Permissible explosives used	Total production	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents				
<b>Operators and Collieries</b>																	
North East Mining Co. (Continued)																	
130-4	Schuyldill	118	1,632	467	8	2,225	-	-	2,225	-	25	5	1				
Total		984	8,652	995	24	10,655 m	-	-	10,655	-	10	10	-				
Reading Anthracite Co.																	
Oak Hill P-47 Strip	Schuyldill																
23-3	Schuyldill	38,935	11,509	22,895	-	-	73,339	3,007,052	-	-	240	1	-				
Wadesville P-33 Strip	Schuyldill	217,114	64,180	121,675	-	-	408,969	4,202,931	-	-	241	60	-				
23-4	Schuyldill										289	71	-				
St. Clair P-48 Strip	Schuyldill										63	6	-				
23-5	Schuyldill																
St. Clair P-44 Strip	Schuyldill																
23-6	Schuyldill																
Pine Knot P-39 Strip	Schuyldill																
23-14	Schuyldill	66,127	19,547	38,884	-	-	124,558	2,051,726	-	-	240	1	-				
Buck Run P-45A Strip	Schuyldill	54,423	16,087	32,002	-	-	102,512	305,988	-	-	292	27	-				
23-15	Schuyldill																
Potts-Barnan P-50 Strip	Schuyldill																
23-16	Schuyldill																
Total		376,599	111,323	221,456	-	-	709,378 n	9,932,990	-	-	186	186	-				
Schuyldill Contracting Co.																	
36-3	Schuyldill	24,140	7,172	4,558	-	-	35,870	159,275	-	-	136	19	-				
Mammoth & Holmes Strip	Schuyldill	8,942	2,662	1,710	-	-	13,314	85,350	-	-	122	9	-				
36-6	Schuyldill																
Pine Hill Strip	Schuyldill	2,480	749	486	-	-	3,715	-	-	-	20	5	-				
36-7	Schuyldill																
Westwood Strip	Schuyldill	3,248	947	543	-	-	4,738	-	-	-	23	10	-				
36-8	Schuyldill																
Buck Run Strip	Schuyldill	38,810	11,530	7,297	-	-	57,637 o	243,625	-	-	43	43	-				
Total																	
Swatara Coal Co.																	
70-1R	Schuyldill																
Primrose Basin Strip	Schuyldill																
70-2	Schuyldill	14,110	8,456	2,735	-	-	25,376	93,750	-	-	241	2	-				
Mammoth Strip	Schuyldill	9,236	5,682	2,078	75	51	17,047	39,000	-	-	246	11	-				
70-3	Schuyldill																
Swatara Falls Strip	Schuyldill																
70-4	Schuyldill	23,346	14,138	4,813	126	126	42,423 p	132,750	-	-	244	2	-				
Total																	
Valent Coal Co., Frank																	
Silver Creek Strip	Schuyldill																
105-2	Schuyldill	-	1,715	959	-	-	2,674 l	-	-	-	76	4	-				
Valley Enterprises, Inc.																	
133-1	Schuyldill	-	1,472	721	-	-	2,193 q	-	-	-	62	5	-				
Brockton Strip	Schuyldill																
W. & W. Construction Co.																	
132-1R	Schuyldill	3,226	8,266	1,299	24	24	12,815 r	-	-	-	284	4	-				
W. & W. Strip	Schuyldill																
District Total		499,174	310,739	268,845	535	535	1,079,293	11,273,525	-	-	227	340	-				

NOTE: (a) All coal prepared at Schneek's Breaker - District 14.

(b) All coal prepared at K. &amp; P. Breaker - District 13.

(c) 11,795 tons prepared at D. &amp; Z. Breaker - District 11

3,620 tons prepared at Silver Creek Breaker - District 12

2,515 tons prepared at K. &amp; P. Breaker - District 13

2,012 tons prepared at Mrenzo Breaker - District 13

(d) 4,220 tons prepared at K. &amp; P. Breaker - District 13

(e) 4,508 tons prepared at Silver Creek Breaker - District 12

(f) All coal prepared at Maple Spring Breaker - District 13

(g) All coal prepared at Randolph Washery - District 12.

(h) 2,640 tons prepared at Legal Breaker - District 15

2,730 tons prepared at Drenzo Breaker - District 13

2,014 tons prepared at Franklin Breaker - District 14

Operators and Collieries	County	Production - net tons				Pounds			Non-fatal acci- dents
		Shipped to market	By truck	Sold to local trade	Used at colliery for steam and heat	Total production	Permissible explosives used	Pounds dynamite used	
NOTE: (h) 2,000 tons prepared at Live Oak Breaker - District 13									
(i) 2,180 tons prepared at Franklin Breaker - District 14									
(j) All coal prepared at Legal Breaker - District 15									
(k) 10,220 tons prepared at J. & E. Breaker - District 12									
(l) 3,206 tons prepared at K. & P. Breaker - District 13									
(m) All coal prepared at Kocher Breaker - District 15									
(n) All coal prepared at Silver Creek Breaker - District 12									
(o) 5,220 tons prepared at Franklin Breaker - District 14									
(p) 5,000 tons prepared at J. & E. Breaker - District 12									
(q) 435 tons prepared at B. & N. Breaker - District 12									

District 5									
Ace Anthracite, Inc.	-	-	1,230	-	-	1,230	-	280	3
Ace Bank	-	-	-	-	-	-	-	280	4
Ace Cleaning Plant	-	-	-	-	-	-	-	-	-
Total	-	-	1,230	-	-	1,230 a	-	-	7
Ace Coal Co.	-	-	-	-	-	-	-	-	-
Ace Breaker	-	-	-	-	-	-	-	50	7
American Silt Processing Co., Inc.	-	-	-	-	-	-	-	-	-
Waddell Bank	950	-	-	-	-	950	-	160	2
Waddell Washery	-	-	-	-	-	-	-	160	5
Total	950	-	-	-	-	950 b	-	-	7
Blue Coal Corporation	-	-	-	-	-	-	-	-	-
Bag Plant	-	-	-	-	-	-	-	295	13
D. & H. Railroad Simpson Bank	16,444	8,240	18,891	35	-	43,610	-	202	3
Huber Breaker	-	-	-	-	-	-	-	241	51
Huber Shops & General	-	-	-	-	-	-	-	241	120
Loree Breaker	-	-	-	-	-	-	-	73	30
Luzerne	-	-	-	-	-	-	-	248	20
Luzerne	-	-	-	-	-	-	-	216	30
Nanticoke Power Plant	-	-	-	-	-	-	-	119	15
No. 133 Slope	4,104	2,357	4,117	9	-	10,587	10,000	199	6
No. 134 Slope	2,997	1,146	2,003	5	-	5,151	5,000	110	18
No. 218 Slope	5,308	3,049	5,325	12	-	13,694	11,000	257	2
Loomis & Truesdale Misc.	-	-	-	-	-	-	-	16	4
Sugar Notch Bank	915	515	915	-	-	2,345	-	-	-
Total	28,768	15,307	31,261	61	-	75,397 c	26,000	312	12
C.B.M. Coal Co.	-	-	-	-	-	-	-	-	-
Lehigh Valley Railroad Bank	7,260	4,095	7,260	-	-	18,615	-	108	3
Maintenance Shops	-	-	-	-	-	-	-	282	2
Total	7,260	4,095	7,260	-	-	18,615 a	-	-	5
Coalbrook Iron & Metals	-	-	-	-	-	-	-	-	-
Coalbrook Bank	-	6,137	-	-	-	6,137 e	-	112	4



Operators and Collieries	County	District 5 Production - net tons					Pounds dynamite used	Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market By railroad	By truck	Sold to local trade	Used at colliery for steam and heat	Total production					
O S C Co.	Susquehanna	-	5,368	2,789	-	8,157 n	-	65	4	-	-
Railroad Bank	Lackawanna	1	1,070	113	-	1,184 o	-	23	3	-	-
Oliver & Heaps	Lackawanna	8,168	3,130	5,480	88	16,866	-	128	6	-	1
Johnson Bank	Lackawanna	8,168	3,130	5,480	88	16,866 p	-	128	20	-	2
Olyphant Premium Anthracite Co.	Lackawanna	-	2,672	250	-	2,922 n	625	50	4	-	-
Olyphant Bank	Lackawanna	-	-	-	-	-	-	256	1	-	-
Olyphant Cleaning Plant	Lackawanna	-	-	-	-	-	-	4	2	-	-
Olyphant Total	Lackawanna	1,915	-	-	-	1,915	-	141	2	-	-
Opalka Coal Co.	Lackawanna	1,915	-	-	-	1,915 r	-	141	5	-	-
Bollands Colliery	Lackawanna	18,838	126	2,176	-	21,140	-	213	3	-	-
O'Toole, John F.	Lackawanna	18,838	126	2,176	-	21,140 s	-	213	6	-	-
O'Toole Cleaning Plant	Lackawanna	-	-	-	-	-	-	187	19	-	3
Papazitta Construction Co.	Lackawanna	8,229	197	3,742	-	12,168	-	158	3	-	-
52 Drift Ontario	Lackawanna	8,229	197	3,742	-	12,168 t	-	22	-	-	3
Penbrook Coal Co.	Lackawanna	2,751	89,098	342	-	92,191 u	-	188	6	-	-
Penbrook Bank	Luzerne	-	53,102	-	-	53,102 b	-	112	10	-	-
Penbrook Breaker	Luzerne	6,802	5,311	18,083	-	30,196 v	-	274	4	-	-
Total	Luzerne	11,012	-	-	-	11,012 w	-	207	4	-	-
Perry Coal Sales Co., Inc., Thomas	Luzerne	-	-	-	-	-	-	240	4	-	-
Perry Bank	Luzerne	153,379	258,323	102,744	1,217	515,663	48,625	1,950	671	-	26
Avoca Cleaning Plant	Luzerne	-	-	-	-	-	-	-	-	-	-
Avoca Total	Luzerne	-	-	-	-	-	-	-	-	-	-
Pompey Coal Co.	Luzerne	-	-	-	-	-	-	-	-	-	-
Pompey Breaker	Luzerne	-	-	-	-	-	-	-	-	-	-
Pompey Bank	Luzerne	-	-	-	-	-	-	-	-	-	-
Total	Luzerne	-	-	-	-	-	-	-	-	-	-
Popple Coal Sales Co., Raymond	Luzerne	-	-	-	-	-	-	-	-	-	-
Burnore Banks	Luzerne	-	-	-	-	-	-	-	-	-	-
Racho, George	Luzerne	-	-	-	-	-	-	-	-	-	-
Exeter Bank	Luzerne	-	-	-	-	-	-	-	-	-	-
Scranton Excavating Co.	Luzerne	-	-	-	-	-	-	-	-	-	-
Lafin Banks	Luzerne	-	-	-	-	-	-	-	-	-	-
Sebastopol Coal Co.	Luzerne	-	-	-	-	-	-	-	-	-	-
Sebastopol Bank	Luzerne	-	-	-	-	-	-	-	-	-	-
Silverbrook Anthracite, Inc.	Luzerne	-	-	-	-	-	-	-	-	-	-
Kassa Breaker	Luzerne	-	-	-	-	-	-	-	-	-	-
District Total	Luzerne	153,379	258,323	102,744	1,217	515,663	48,625	1,950	671	-	26



	District 6					
	Production - net tons			Pounds		
County	Shipped to market:		Used at colliery to local trade	Total production	Days worked	Fatal accidents
	By railroad	By truck				
Luzerne	7,854	11,382	5,860	25,199 g	-	-
Luzerne	-	210,848	-	210,848 a	237	9
Luzerne	-	-	48	48 h	14	4
Luzerne	403	-	2,597	3,000 i	57	10
Luzerne	-	-	-	-	261	106
District Total	323,120	679,684	178,732	1,182,056	892,375	15,700

NOTE: (a) All coal shipped unprepared to United Gas Improvement Hunlock Plant.

(a) All coal shipped unprepared to United Gas Improvement

(b) 1,302 tons prepared at Huber Breaker - District 5

(c) 1,530 tons prepared at Loree Breaker - District 5  
All coal prepared at Huber Breaker - District 5

(d) All coal prepared at Glen Lyon Breaker.

(e) 4,975 tons prepared at Ace Breaker - District 5

635,236 tons prepared at Glen Lyon Breaker  
6,086 tons removed at Hibern Breaker - Total at L

3,500 tons prepared at Haber Breaker - District 3  
3,540 tons prepared at Kassa Breaker - District 5

13,262 tons prepared at Penbrook Breaker - District

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	District 7			
	195	791		
Alessi Coal Co.	-	-	886 a	200
No. 1 Slope	-	-	-	-
Archer Coal Co.	-	-	-	-
Audenried Bank	1,679	6,233	7,773	-
Honeybrook Breaker	-	-	-	-
Total	1,679	6,233	7,773	-
B-D Mining Co.	-	-	-	-
B-D Fine Coal Plant	-	-	-	-
Gilberton Bank	44,960	2,212	47,172	-
St. Nicholas Slush Bank	146,956	5,871	152,827	-
Total	191,956	8,083	199,999 c	-
Elasachak Coal Co., Inc.	-	-	-	-
Elasachak Breaker	-	-	-	-
Skidmore Slope	-	-	-	-
Total	-	-	-	-







County	Operators and Collieries Jeddo-Highland Coal Co. (Continued)	District 7 Production - Net tons			Pounds dynamite used	Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market By : railroad	Sold to By : local truck: trade	Used at colliery and heat production:					
Luzerne	Jeddo No. 4 Bank	277	225	70	4	576	6	3	-
	Total	135,051	225	70	178	135,521 n	97	1	6
Carbon	Kassa Coal Co.	325	3,001	5,181	-	8,507 o	234	4	-
Luzerne	Lee Coal Co., Inc., J. F. Drifton No. 1 Slope	4,883	9,764	11,049	-	25,696 e	225	12	-
Luzerne	Lehigh Valley Anthracite, Inc. Admiral Bank	52,321	-	22	-	52,343	160	8	-
Luzerne	Hazleton Shaft Breaker	-	-	-	-	-	92	77	1
Luzerne	Hazleton Shaft Bank	42,069	42,048	11,291	974	96,382	225	5	-
Luzerne	Hazleton Shaft Bank 1A	18,627	-	7	-	18,634	56	4	-
Luzerne	Hazleton Shaft Cleaning Plant	-	-	-	-	-	104	24	-
Luzerne	Hazleton Shaft Silt Bank	32,848	-	13	-	32,861	64	4	1
Luzerne	Hazleton No. 1 Silt Bank	27,256	-	11	-	27,267	51	6	-
Luzerne	Lion Breaker	-	-	-	-	-	177	15	1
Schuylkill	Morea Bank	5,998	56,215	38,586	470	101,269	240	8	2
Schuylkill	Morea Breaker	-	-	-	-	-	240	25	1
	Total	179,119	98,263	49,930	1,444	328,756 p	175	-	6
Schuylkill	Locust Valley Coal Co., Inc.	810	653	915	-	2,378	24	2	-
Schuylkill	Manancy City Bank	-	-	-	-	-	24	8	-
	Mount Hazle Breaker	810	653	915	-	2,378 q	10	-	-
	Total	-	-	-	-	-	-	-	-
Schuylkill	Makindik Coal Co.	162	600	829	-	1,591 r	102	2	-
Schuylkill	Kehley Run Bank	-	-	-	-	-	-	-	-
Schuylkill	Marko Coal Co.	-	649	2,299	-	2,948 a	77	4	-
Schuylkill	Buck Mountain Slope	-	-	-	-	-	-	-	-
Schuylkill	Mazaika Brothers Coal Co.	-	-	-	-	-	310	3	-
Schuylkill	Mazaika Breaker	-	-	-	-	-	-	-	-
Schuylkill	McAdoo Mining Co.	-	-	-	-	-	-	-	-
Carbon	Wharton Slope	-	72	378	-	450 s	120	4	-
Schuylkill	Wohlan Coal Co., J. E.	332	664	752	-	1,748 e	76	5	-
Schuylkill	East Bear Ridge Bank	-	-	865	-	865 t	248	3	-
Schuylkill	Olman & Co.	-	-	-	-	-	-	-	-
Schuylkill	Buck Mountain Slope	-	-	-	-	-	-	-	-
Schuylkill	Phoenix Contracting Co.	4,504	3,378	3,378	-	11,260	82	*	-
Schuylkill	Maizeville Bank	1,927	1,445	1,445	-	4,817	30	3*	-
Schuylkill	St. Nicholas Railroad Bank	6,431	4,823	4,823	-	16,077 u	3	-	-
	Total	-	-	-	-	-	-	-	-
Schuylkill	Pleasant Hill Coal Co.	38	183	1,325	-	1,546 v	177	5	-
Schuylkill	Skidmore Drift	-	-	-	-	-	-	-	-

## District 7

## Production - net tons

Operators and Collieries	County	Shipped to market :			Used at :			Pounds permis- sible ex-	Pounds dynamite used	Days worked	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	By local trade	to colliery for steam	and heat	Total production	production				
Bacho, George	Luzerne	-	82,471	-	-	-	82,471	-	-	263	12	-
Lattimer Bank	Luzerne	694	1,387	1,570	-	-	3,651	-	-	-	**	-
Jeanesville Bank	Luzerne	694	83,858	1,570	-	-	86,122 w	-	-	-	12	-
Total												
Reading Anthracite Co.	Schuylkill	352	-	-	-	-	352	-	-	4	4	-
Kilgown Bank	Schuylkill	-	-	-	-	-	-	-	-	98	11	-
Maple Hill Cleaning Plant	Schuylkill	151,308	20	-	-	-	151,328	-	-	206	24	2
St. Nicholas Shush Bank	Schuylkill	-	-	-	-	-	-	-	-	206	29	2
St. Nicholas Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Total		151,660	20	-	-	-	151,680 x	-	-	-	58	4
Skytop Coal Co.	Schuylkill	-	1,355	-	-	-	-	-	-	-	-	-
Skytop Breaker	Schuylkill	-	1,355	1,604	-	-	2,959	-	-	34	3	-
Skytop Bank	Schuylkill	-	1,355	1,604	-	-	2,959 y	-	-	-	3	-
Total												
Starwood Coal Corporation	Schuylkill	-	-	-	-	-	-	-	-	307	7	-
Starwood Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Tedesco Brothers Coal Co.	Luzerne	-	82	113	-	-	195 aa	-	-	6	2	-
Tedesco Bank	Luzerne	-	-	-	-	-	-	-	-	-	-	-
Trenton Coal Co.	Schuylkill	-	132	690	-	-	822 s z	150	-	92	4	-
Rick Mountain Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Valley Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	248	2	-
Valley Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Wesner Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Wesner Breaker	Schuylkill	-	-	-	-	-	-	-	-	226	3	-
District Total		759,878	265,974	121,972	1,896	-	1,149,720	20,325	2,975	171	695	1
												34

NOTE: (a) All coal prepared at Mazaika Breaker.  
 (b) All coal prepared at Honeybrook Breaker.  
 (c) All coal prepared at B-D Fine Coal Plant.  
 (d) Slope used for pumping only.  
 (e) All coal prepared at Blaschak Breaker.  
 (f) All coal prepared at Rosa Breaker.  
 \* Men transferred from Keyley Run Bank to William Penn Banks  
 (g) All coal prepared at Candleton Breaker  
 (h) All coal prepared at Rosa Breaker.  
 (i) 309 tons prepared at Starwood Breaker  
 90 tons prepared at Mazaika Breaker  
 (j) 2,118 tons prepared at Starwood Breaker  
 602 tons prepared at Mazaika Breaker

(k) All coal prepared at Buckley Breaker.  
 (l) All coal prepared at Starwood Breaker.  
 (m) All coal prepared at Beaver Brook Fine Coal Plant.  
 (n) 134,948 tons prepared at Highland No. 5 Breaker  
 576 tons prepared at Jeddo No. 7 Breaker  
 (o) All coal prepared at Kassa Breaker - District 5  
 36,736 tons prepared at Hazleton Shaft Breaker  
 (p) 59,646 tons prepared at Jeddo No. 7 Breaker  
 131,105 tons prepared at Lion Breaker  
 101,269 tons prepared at Morea Breaker  
 (q) All coal prepared at Mount Hazle Breaker. Breaker  
 and Bank ceased operations April, 1968.



Operators and Collieries	County	District 8										Non-fatal accidents
		Production - net tons					Pounds					
		Shipped to market By : railroad	By : truck	Sold to local trade	Used at colliery for steam and heat	Total production	Permissible explosives used	Dynamite used	Days worked	Employed	Fatal accidents	
M. & J. Coal Co.	Columbia	470	-	112	6	588 l	100	-	18	2	-	
Centralia Bank	Northumberland	44	899	-	5	948 m	-	-	42	2	-	
M. & P. Coal Co.	Columbia	-	2,163	866	4	3,033 n	2,750	300	252	4	-	
Sayre Bank	Schuylkill	6,249	12,498	14,142	-	32,889	6,200	9,100	212	23	-	
M. & S. Coal Co.	Schuylkill	-	12,498	14,142	-	32,889 b	6,200	9,100	212	1	-	
Marion Mining Co., Inc.												
Conerton Drift												
Cleaning Plant												
Total												
Mickey Coal Co.	Schuylkill	840	540	4,620	-	6,000 o	3,260	-	224	5	-	
Diamond Slope	Columbia	-	2,078	808	-	2,886 p	2,050	-	192	4	-	
Moreack Coal Co.	Columbia	158	92	34	3	287 k	-	-	43	3	-	
P.M.M. Coal Co.	Columbia	7,371	4,289	1,608	134	13,402 k	12,500	-	234	8	-	
Polocovich Coal	Northumberland	106	-	1,216	-	1,322 a	750	-	213	3	-	
Seven Foot Vein Slope	Columbia	803	-	9,229	-	10,032 a	7,000	-	228	8	-	
Pononiak Brothers Coal Co.	Northumberland	-	-	-	-	-	-	-	278	19	-	
No. 6-7 Vein Slope	Northumberland	37,882	62,213	22,875	-	122,970	-	-	278	33	-	
Ron Lee Coal Co., Inc.		37,882	62,213	22,875	-	122,970 q	-	-	278	52	-	
Buck Mountain Slope												
State Coal Co., Inc.												
State Breaker												
Richards Bank												
Total												
Sun Coal Co., Inc.	Northumberland	-	-	-	-	-	-	-	199	12	-	
Diamond Breaker	Northumberland	808	192	-	10	1,010 r	-	-	30	3	-	
Diamond Bank	Northumberland	808	192	-	10	1,010 r	-	-	30	15	-	
Total												
Swamp Coal Co.	Northumberland	-	-	-	-	-	-	-	8	3	-	
No. 9 1/2 Vein Slope	Schuylkill	-	-	-	-	-	-	-	48	2	-	
White Birch Coal Co.												
Buck Mountain Slope												
District Total		376,309	204,806	81,740	229	663,084	51,930	9,400	204	279	-	
											18	

NOTE: (a) All coal prepared at Split Vein Breaker - District 11.  
 (b) All coal prepared at Blaschak Breaker - District 7.  
 (c) 11,281 tons shipped direct to Merck Chemical Co.  
 769 tons prepared at Hoover Breaker - District 11

(d) 1,128 tons prepared at Glen Burn Breaker - District 10  
 1,110 tons prepared at Ace Breaker - District 11  
 80 tons prepared at D. & Z. Breaker - District 11

<u>District 8</u>						Pounds	Fatal	Non-
<u>Production - net tons</u>			<u>Used at</u>	<u>permissible ex-</u>	<u>dynamite</u>	<u>days worked</u>	<u>accidents</u>	<u>fatal deaths</u>
<u>: Shipped to market :</u>	<u>: By :</u>	<u>: Sold :</u>	<u>: local :</u>	<u>: colliery :</u>	<u>: Total :</u>	<u>: Pounds :</u>	<u>: Fatal :</u>	<u>: Non-fatal :</u>
<u>: By :</u>	<u>: railroad :</u>	<u>: truck :</u>	<u>: trade :</u>	<u>: steam :</u>	<u>: production :</u>	<u>: used :</u>	<u>: employed :</u>	<u>: fatal :</u>
<u>: By :</u>	<u>: railroad :</u>	<u>: truck :</u>	<u>: trade :</u>	<u>: steam :</u>	<u>: production :</u>	<u>: used :</u>	<u>: employed :</u>	<u>: fatal :</u>
(e)	1,318 tons prepared at Swift Breaker - District 11	County			(k) All coal prepared at Mammoth Breaker - District 8.			
(f)	366 tons prepared at D. & Z. Breaker - District 11				(l) All coal prepared at Diamond Breaker - District 8.			
(g)	All coal prepared at Reckwein & Beury Breaker - District 9				(m) 780 tons prepared at Ace Coal Sales - District 11.			
(h)	All coal shipped direct to P.P.&L. Co.				168 tons prepared at Glen Burn Breaker - District 10			
(i)	3,055 tons prepared at Hoover Breaker - District 11				(n) 2,176 tons prepared at Split Vein Breaker - District 11			
(j)	422 tons prepared at Swift Breaker - District 11				416 tons prepared at Saviolski Breaker - District 9			
(k)	1,366 tons prepared at Starwood Breaker - District 7				(o) All coal prepared at Malho Breaker - District 9.			
(l)	130 tons prepared at Saviolski Breaker - District 9				(p) All coal prepared at Swift Breaker - District 11.			
(m)	125 tons prepared at D. & Z. Breaker - District 11				(q) All coal prepared at State Breaker - District 8			
(n)	204 tons prepared at Reckwein & Beury Breaker - District 9				(r) Diamond Breaker changed to Sun Coal Co., Inc. in August, 1968 - worked 48 days - 19 employees under Diamond Coal Co.			
(o)	316 tons prepared at Swift Breaker - District 11				# No production.			
(p)	170 tons prepared at Split Vein Breaker - District 11							

[illegible]

## District 9

County	Shipped to market : By : railroad	Production - net tons		Used at colliery for steam and heat	Total production	Pounds dynamite used	Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
		By : truck	Sold to local trade							
Northumberland	206	-	3,916	-	1,122 c	1,700	277	3	-	-
Columbia	354	206	78	6	644 d	350	39	13	-	-
Schuylkill	-	-	-	-	-	-	305	5	-	-
Schuylkill	1,007	757	759	-	2,523 m	-	37	3	-	-
Columbia	787	458	171	14	1,430 d	3,400	131	4	-	-
Northumberland	-	810	315	-	1,125 n	740	120	3	-	-
Northumberland	10,035	11,819	-	446	22,300 o	-	182	3	-	-
Northumberland	-	-	-	-	p	-	218	6	-	1
Schuylkill	-	-	-	-	-	-	307	4	-	-
Northumberland	189	-	3,593	-	3,782 c	1,200	247	4	-	-
Northumberland	-	-	-	-	-	-	250	6	-	-
Northumberland	-	-	-	-	q	-	250	1	-	-
Total	-	-	-	-	-	-	-	7	-	-
Columbia	754	442	382	13	1,591 r	2,500	246	3	-	-
Schuylkill	1,287	895	-	-	2,182 l	-	37	1	-	-
Northumberland	318	3,784	2,976	16	7,094 s	8,450	309	6	-	-
District Total	37,142	204,388	33,019	686	275,235	42,435	192	130	-	2

NOTE: (a) 3,066 tons prepared at Swift Breaker - District 11  
 5,204 tons prepared at D. & Z. Breaker - District 11  
 (b) No production  
 (c) All coal prepared at D. & Z. Breaker - District 11  
 (d) All coal prepared at Mammoth Breaker - District 8.  
 (e) 2,204 tons prepared at Bar Mac Breaker - District 11  
 301 tons prepared at Glen Burn Breaker - District 10  
 842 tons prepared at Swift Breaker - District 11

(e) 150 tons prepared at D. & Z. Breaker - District 11  
 (f) 63 tons prepared at Reidinger Breaker - District 11  
 (g) All coal prepared at Atlas Washery - District 6  
 1,662 tons prepared at Malho Breaker  
 28 tons prepared at Mammoth Breaker - District 8  
 4,672 tons prepared at Mammoth Breaker - District 8  
 284 tons prepared at Malho Breaker  
 542 tons sold locally unprepared  
 2,667 tons prepared at Elsaschak Breaker - District 7





Operators and Collieries	County	District 10										
		Production - net tons					Pounds					
		Shipped to market		Used at		Total production	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non-fatal acci- dents	
		By railroad	By truck	to colliery	for steam and heat							Permissible explosives used
K. & E. Coal Co.	Northumberland	-	33	-	-	33 e	100	-	20	3	-	-
No. 11 Vein Slope *	Northumberland	332	4,600	610	1	5,543 b	1,700	-	173	4	-	2
L. & M. Coal Co.	Northumberland	61	1,164	-	-	1,225 e	425	200	180	2	-	-
Lotus Coal Co.	Northumberland	221	3,058	405	1	3,685 b	1,050	-	250	4	-	-
M.G. & S. Coal Co.	Northumberland	827	11,454	1,518	1	13,800 i	10,000	-	225	5	-	-
Maurer Coal Co., Paul F.	Northumberland	92	1,762	-	-	1,854 c	1,200	-	249	2	-	-
Motto Partnership	Northumberland	-	9,758	3,795	-	13,553 j	3,850	-	255	6	-	-
No. 10 Vein Slope	Northumberland	302	4,172	552	1	5,027 b	2,700	-	135	5	-	-
Mountain View Coal Co.	Northumberland	177	-	2,028	-	2,205 k	700	-	240	3	-	-
No. 1 Slope	Northumberland	1,775	5,261	292	-	7,328 g	7,500	-	270	5	-	-
No. 1 Coal Mine	Northumberland	-	-	-	-	-	-	-	306	4	-	-
No. 1 Slope	Northumberland	-	-	-	-	-	-	-	300	11	-	-
P. & R. Coal Co.	Northumberland	360	4,936	660	1	5,957 b	2,900	-	268	5	-	-
No. 5 Vein Rock Slope	Northumberland	3,105	1,329	12,712	1	17,117	12,400	-	302	6	-	-
Pine Mine Coal Co.	Northumberland	290	-	3,329	-	3,619	1,000	-	108	4	-	-
No. 9 <sup>1</sup> Vein Drift	Northumberland	3,395	1,329	16,041	1	20,765 i	13,400	-	10	1	-	-
Ranshaw Auto Wreckers Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Ranshaw Washery	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Rosini Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Carbon Run Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
S. & C. Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
No. 4 Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Split Vein Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
No. 2 Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Trevorton Slope *	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Total												
Sunshine Coal Co.	Northumberland	-	-	-	-	-	-	-	270	13	-	-
Sunshine Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Twin Oaks Coal Co.	Northumberland	132	1,822	241	1	2,196 b	2,500	-	240	3	-	-
No. 4 Slope	Northumberland	-	1,600	-	-	1,600 e	250	-	158	3	-	-
Wehry Coal Co., Paul	Northumberland	-	-	-	-	-	-	-	-	-	-	-
No. 5 Vein Rock Slope	Northumberland	-	5,083	1,977	-	7,060 m	4,150	-	296	4	-	-
West Cameron Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
No. 2 Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-
District Total		13,496	107,429	35,384	167	156,176	82,275	850	231	212	-	13



District 10

Operators and Collieries	County	Production - net tons				Pounds				Non-fatal acci-dents
		Shipped to market:	By:	Sold to:	Used at:	Total production:	Permissible explosives used:	Dynamite used:	Days worked:	
		By railroad	By truck	By local trade	for steam and heat					
<u>NOTE:</u>										
(a)	Northumberland	All coal prepared at Carbon Run Breaker.				(j)	24 tons prepared at Split Vein Breaker - District 11			
(b)	Northumberland	All coal prepared at Sunshine Breaker.				(k)	13,529 tons prepared at Split Vein Breaker - District 11			
(c)	Northumberland	All coal prepared at Swift Breaker - District 11.				(l)	All coal prepared at Split Vein Breaker - District 11.			
(d)	Northumberland	6,209 tons prepared at Ace Coal Sales - District 5				(m)	239 tons prepared at D. & Z. Breaker - District 11			
		2,302 tons prepared at Split Vein Breaker - District 11					8,532 tons prepared at Keystone Filler			
(e)	Northumberland	All coal prepared at Sunshine Breaker - District 11.					8,756 tons prepared at Split Vein Breaker - District 11			
(f)	Northumberland	2,584 tons produced by Lashendock Coal Co. - worked 150 days, same men - changed to Duke Mining Co. in July, 1968					3,239 tons prepared at Split Vein Breaker - District 11			
(g)	Northumberland	All coal prepared at Glen Burn Breaker.					14,582 tons produced by E. & T. Coal Co. - worked 233 days, 8 men, changed to Split Vein Coal Co. in October, 1968.			
(h)	Northumberland	All coal prepared at Kopenhaver Breaker.					4,047 tons shipped to Merck Chemical Co., Danville, Pa.			
(i)	Northumberland	12,610 tons prepared at Sunshine Breaker					3,013 tons prepared at Split Vein Breaker - District 11			
		1,190 tons prepared at Split Vein Breaker - District 11					* Ceased operations in 1968.			

District 11

Ace Coal Sales	Northumberland	-	-	-	-	-	-	-	147	1	-
Ace Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-
B. & E. Coal Co.	Northumberland	12	166	22	-	200 a	75	-	89	3	-
Bank Lyons Drift	Northumberland	-	14,798	-	-	14,798 b	7,500	-	286	9	-
Bank Coal Co., Inc.	Northumberland	-	-	-	-	-	-	-	306	8	-
Bar Mac Coal Co., Inc.	Northumberland	-	-	-	-	-	-	-	-	-	-
Bar Mac Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-
Bush Coal Co.	Northumberland	2,860	9,555	-	-	12,415 c d	6,400	-	282	7	-
Chestnut Coal Co.	Northumberland	55	3,179	100	9	3,343 e	1,550	-	244	5	-
D. H. & W. Coal Co.	Northumberland	750	18,740	1,918	98	21,506 f	8,050	-	253	8	-
9% Vein N. D. 1 & 4 Slopes	Northumberland	256	3,897	469	43	4,665 g	4,100	-	225	3	-
D. & M. Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-
1 Vein S. D. 1 & 2 Slopes	Northumberland	-	-	-	-	-	-	-	279	9	2
D. & Z. Coal Co.	Northumberland	-	-	-	-	-	-	-	248	5	2
D. & Z. Breaker	Northumberland	-	-	-	-	-	-	-	108	3	-
DMnick Coal Sales	Northumberland	154	516	-	-	670 c	250	-	312	11	-
DMnick Breaker	Northumberland	564	15,616	1,037	94	17,311 h	10,800	-	-	-	-
Dugan Coal Co. *	Northumberland	655	2,200	-	-	2,855 c	1,375	-	289	3	-
11 Vein N. D. No. 3 Slope	Northumberland	-	-	-	-	-	-	-	-	-	-
Gem Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-
11 Vein S. D. 2 & 3 Slopes	Northumberland	-	-	-	-	-	-	-	-	-	-
Grego & Deitz Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-
9% Vein S. D. No. 2 Slope	Northumberland	-	-	-	-	-	-	-	-	-	-

## District 11

Operators and Collieries	County	Production - net tons				Pounds permis- sible ex- posed	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market: By railroad	By truck	Sold to local trade	Used at colliery for steam and heat	Total production					
Gudrunas Coal Co. 12 Vein S.D. 3 & 4 Slopes *	Northumberland	228	-	2,625	-	2,853 i	1,420	298	2	-	-
H. J. & H. Coal Co., Inc. H. J. & H. Breaker	Northumberland	-	-	-	-	-	-	311	4	-	-
11 Vein N.D. 1 & 2 Slopes	Northumberland	206	7,998	378	34	8,616 i	2,684	301	5	-	-
Total		206	7,998	378	34	8,616 k	2,684		9	-	-
Hoover Mining Co., Inc. Hoover Breaker	Northumberland	-	-	-	-	-	-	306	3	-	-
K. & D. Coal Co. K. & D. Breaker	Northumberland	-	-	-	-	-	-	133	3	-	-
L. & M. Coal Co. 1 Vein S. D. Slope	Northumberland	-	244	-	-	244 k	200	66	3	-	-
Lower Region Colliery, Inc. Lower Region Washery	Northumberland	-	-	-	-	-	-	225	6	-	-
M. & C. Coal Co. 9 Vein S. D. Slope *	Northumberland	37	505	67	6	615 a	300	36	5	-	-
Marquette Coal Co. 12 Vein S. D. Slope	Northumberland	-	3,898	-	-	3,898 k	2,550	364	5	-	-
Moore Coal Co. 11 Vein S.D. 5, 6 & 7 Slopes	Northumberland	14	5,925	25	2	5,966 i	3,750	244	6	-	-
M. & L. Coal Co. 4 Vein West Cross Pitch Slope	Northumberland	20	277	37	3	337 a	115	59	3	-	-
Phillips Coal Co. 10 & 10 1/2 Veins N.D. 3 & 4 Slopes	Northumberland	432	10,358	792	72	11,654 m	5,100	295	7	-	-
Reading Anthracite Co., Inc. Trevorton Breaker	Northumberland	-	-	-	-	-	-	242	19	-	-
Trevorton Refuse Bank 228	Northumberland	3,462	307	1,082	-	4,851	-	29	5	-	-
Trevorton Slush Bank 57-1	Northumberland	38,324	3,398	11,969	-	53,691	-	153	5	-	-
Total		41,786	3,705	13,051	-	58,542 n	-		29	-	-
Reidinger Coal Mining Co. Zero Igkens S. D. Slope	Northumberland	-	240	-	-	240 k	120	106	4	-	-
Reidinger Coal Service, Inc. Reidinger Breaker	Northumberland	-	-	-	-	-	-	294	6	-	2
Rocky Mountain Coal Co. 11 Vein N.D. No. 3 Slope *	Northumberland	-	1,975	-	-	1,975 n	950	130	3	-	-
Ron Lee Coal Co., Inc. Ron Lee Breaker	Northumberland	-	-	-	-	-	-	227	2	-	-
Silo Burn Coal Co., Inc. Silo Burn Washery	Northumberland	-	-	-	-	-	-	130	7	-	-
Split Vein Coal Co., Inc. 12 Vein S. D. No. 2 Slope *	Northumberland	5	-	57	-	62	30	79	4	-	-





## District 12

Operators and Collieries	County	Production - net tons				Production : sold to colliery		Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market : By railroad	By truck	Sold to local trade	Used at colliery and heat	Total production	Pounds dynamite used					
<b>Operators and Collieries</b>												
Lansco Mining Co., Inc.	Carbon	14,411	7,573	2,437	-	24,421 p	15,550	2,000	240	17	-	1
No. 9 Mine	Schuylkill	-	-	-	-	-	-	-	256	5	-	-
Lehigh Valley Anthracite, Inc.	Schuylkill	-	-	-	-	-	-	-	197	5	-	-
Salem Creek Breaker Co., Inc.	Schuylkill	20,800	7,600	-	-	28,400	-	-	197	4	-	-
Manbeck Dredging Co., Inc.	Carbon	-	-	-	-	-	-	-	257	5	-	-
Lowland Washery	Carbon	-	70,100	-	-	70,100	-	-	257	4	-	-
No. 6 Washery	Carbon	20,800	77,700	-	-	98,500 q	-	-	257	18	-	-
No. 6 Bank												
Total												
Mar Strip & Excavating Co.	Schuylkill	45,362	23,838	7,670	-	76,870 p	-	-	263	24	-	-
No. 11 Bank	Schuylkill	-	-	-	-	-	-	-	307	2	-	-
Mountain Side Coal Co.	Schuylkill	-	-	-	-	-	-	-	306	6	-	5
Mountain Side Breaker	Schuylkill	-	-	-	-	-	-	-	153	3	-	-
Phoenix Contracting Co.	Schuylkill	26,271	19,916	19,786	-	65,973	-	-	251	3	-	-
Black Heath Breaker	Schuylkill	26,271	19,916	19,786	-	65,973 r	-	-	251	3	-	-
Phoenix Bank	Schuylkill	-	-	-	-	-	-	-	251	3	-	-
Total									251	3	-	-
Premium Fine Coal Co., Inc.	Schuylkill	21,000	9,414	-	-	30,414	-	-	251	2	-	-
Premium Fine Plant	Schuylkill	21,000	9,414	-	-	30,414 s	-	-	251	5	-	-
Premium Bank	Schuylkill	-	-	-	-	-	-	-	231	4	-	-
R. & R. Coal Co.	Schuylkill	-	-	-	-	-	-	-	290	2	-	-
Brookton Breaker	Schuylkill	-	-	-	-	-	-	-	290	2	-	-
Randolph Coal Co.	Schuylkill	2,529	-	-	-	2,529	-	-	290	2	-	-
Randolph Washery	Schuylkill	2,529	-	-	-	2,529	-	-	290	2	-	-
Randolph Bank	Schuylkill	2,529	-	-	-	2,529 t	-	-	290	2	-	-
Total									290	2	-	-
Reading Anthracite Co.	Schuylkill	-	-	-	-	-	-	-	277	29	-	2
New St. Nicholas Breaker	Schuylkill	-	-	-	-	-	-	-	275	30	-	1
New St. Nicholas Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	246	5	-	-
Beechwood Cleaner Plant	Schuylkill	-	-	-	-	-	-	-	177	8	-	1
Pine Forest Cleaner Plant	Schuylkill	19,952	4,900	10,151	-	35,003	-	-	225	4	-	-
Oak Hill Slush Bank No. 73	Schuylkill	19,952	4,900	10,151	-	35,003 u	-	-	225	4	-	-
Total									225	76	-	4
Schickram, William	Schuylkill	46,387	25,428	8,184	-	81,999 p	-	-	258	18	-	-
No. 8 Bank	Schuylkill	-	-	-	-	-	-	-	61	5	-	-
Silver Creek Coal Co., Inc.	Schuylkill	-	-	-	-	-	-	-	158	3	-	-
Silver Creek Breaker	Schuylkill	-	-	-	-	-	-	-	125	-	-	-
Scripnek Coal Co.	Schuylkill	-	104	104	-	208 v	-	-	125	-	-	-
Skidmore Slope	Schuylkill	-	104	104	-	208 v	-	-	125	-	-	-

## District 12

Operators and Collieries	County	Production - net tons				Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal dents
		Shipped to market:		Used at						
		By railroad	By truck	Sold to local trade	to colliery and heat					
South Tamaqua Coal Pockets	Schuylkill	-	-	-	-	-	233	4	-	-
South Tamaqua Breaker	Schuylkill	407	813	920	-	2,140 w	2,000	180	8	-
Thirty Slope	Schuylkill	861	2,768	1,214	30	4,873 x	2,500	242	3	-
Tracy Coal Co.	Schuylkill	20	96	3,492	65	3,673 y	1,850	247	4	-
Whippoorwill Coal Co.	Schuylkill	-	579	2,074	40	2,693 z	1,500	252	4	-
Top Split Slope	Schuylkill	-	16,023	10,530	87	26,640 aa	10,000	287	9	1
Williams Partnership	Schuylkill	-	-	-	-	-	-	-	-	-
Priamrose Slope	Schuylkill	-	-	-	-	-	-	-	-	-
Zakresky Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-
Leader Slope	Schuylkill	-	-	-	-	-	-	-	-	-
District Total		275,070	268,444	160,786	643	704,943	65,775	4,300	231	501

- NOTE: (a) 2,846 tons prepared at J. E. Breaker  
 440 tons prepared at Valley Breaker - District 7  
 (b) Ceased operations in March, 1968.  
 (c) 1,852 tons prepared at Glenm Worth Breaker - District 13  
 2,704 tons prepared at K. & P. Breaker - District 13  
 (d) 11,044 tons prepared at Glenm Worth Breaker - District 13  
 4,610 tons prepared at K. & P. Breaker - District 13  
 575 tons prepared at Starwood Breaker - District 7  
 140 tons prepared at Valley Breaker - District 7  
 (e) 50 tons prepared at B. & W. Breaker  
 60 tons prepared at J. & E. Breaker  
 7,212 tons prepared at K. & P. Breaker - District 13  
 3,362 tons prepared at Minersville Breaker - District 13  
 412 tons prepared at Starwood Breaker - District 7  
 49 tons prepared at Valley Breaker - District 7  
 (f) All coal prepared at Honeybrook Breaker - District 7.  
 (g) All coal prepared at Minersville Breaker - District 13.  
 (h) 2,657 tons prepared at Mountain Side Breaker  
 1,321 tons prepared at South Tamaqua Breaker  
 (i) All coal prepared at Kaska Breaker  
 (j) Began operations in July 1968. Operation is being rehabilitated.  
 (k) All coal prepared at Lucama Fine Coal Plant.  
 Began operations in April 1968.  
 (l) All coal prepared at Valley Breaker - District 7.  
 (m) All coal prepared at New St. Nicholas Fine Coal Plant.  
 (n) 2,561 tons prepared at J. & E. Breaker  
 537 tons prepared at Silver Creek Breaker  
 7,661 tons prepared at K. & P. Breaker - District 13  
 90 tons prepared at Wesner Breaker - District 7  
 (o) All coal prepared at Silver Creek Breaker.  
 Operation is being rehabilitated.  
 (p) All coal prepared at Greenwood Breaker.  
 28,400 tons prepared at Lowland Washery  
 (q) 70,100 tons prepared at No. 6 Washery  
 (r) All coal prepared at Black Heath Breaker.  
 (s) All coal prepared at Premium Fine Plant.  
 (t) All coal prepared at Randolph Washery.  
 (u) All coal prepared at Valley Breaker - District 7.  
 (v) All coal prepared at Silver Creek Breaker - District 7.  
 (w) All coal prepared at Blasczak Breaker - District 7  
 Began operations in April, 1968  
 (x) 1,845 tons prepared at Olenick Breaker - District 13  
 3,028 tons prepared at Schneek Breaker - District 14  
 3,161 tons prepared at K. M. & P. Breaker  
 (y) 204 tons prepared at Silver Creek Breaker  
 308 tons prepared at Wesner Breaker - District 7









## District 13

County	Production - net tons				Pounds dynamite used	Days worked	Fatal acci- dents	Non-fatal acci- dents
	Shipped to market :	Sold to :	Used at :	Total :				
	By :	By :	for steam and heat :	production :				
	By railroad truck :	trade :	colliery :	production :				
Seawalla Brothers Coal Co.	238	2,604	2,810	-	5,652 y	2,800	7,600	290 5 - 1
Bottom Split Slope	-	-	-	-	-	-	-	-
Siminitus Coal Co.	-	-	-	-	a	-	-	46 3 -
Four Foot Slope	12	3,802	1,278	14	5,106 z	1,475	-	299 8 -
No. 2 Buck Mountain Slope	-	930	703	7	1,640 x	875	-	205 4 -
Sorokach Coal Co.	-	140	112	-	252 aa	150	-	58 3 -
Studlack Coal Co.	-	-	-	-	-	-	-	252 26 - 4
Swatara Coal Co.	6,782	3,728	1,479	36	12,025	-	-	73 7 -
Swatara Breaker	6,782	3,728	1,479	36	12,025 n	-	-	33 4 -
Otto Bank *								
Total								
Tokarchek Coal Co.	545	2,277	2,209	2	5,033 bb	680	-	261 3 -
Walaitis Coal Co.	40	264	336	2	642 cc	425	350	168 3 -
No. 2 Slope	-	1,242	939	11	2,192 dd	4,375	-	167 7 - 2
West West Coal Co., Inc.	-	-	-	-	-	-	-	135 9 -
Woodside Tunnel	-	-	-	-	-	-	-	48 2 -
Winn Land Co.	-	-	-	-	-	-	-	-
lyTie Washery	-	-	-	-	-	-	-	-
Woodside Mining Co.	-	-	-	-	-	-	-	-
Buck Mountain Slope	-	-	-	-	-	-	-	-
Worayia Coal Co.	-	-	-	-	-	-	-	-
Mammoth Slope	897	4,003	4,303	4	9,207 ee	7,150	-	257 10 - 1
District Total	46,887	156,518	65,995	429	269,829	110,705	12,150	212 291 - 19

NOTE: (a) Maintenance work only.

(b) 708 tons prepared at K. &amp; P. Breaker

(c) 1,708 tons prepared at Silver Creek Breaker - District 12

(d) 1,339 tons prepared at Glen Wirth Breaker

(e) 1,400 tons prepared at K. &amp; P. Breaker

(f) 1,339 tons prepared at Live Oak Breaker

(g) 136 tons prepared at B. &amp; M. Breaker - District 12

(h) All coal prepared at Maple Spring Breaker.

(i) Ceased operations in December 1966.

(j) All coal prepared at DiRango Breaker.

(k) 236 tons prepared at K. &amp; P. Breaker

(l) 3,986 tons prepared at Olenick Breaker

(g) 668 tons prepared at Minersville Breaker

(h) 609 tons prepared at Olenick Breaker

(i) 100 tons prepared at Live Oak Breaker

(j) 1,922 tons prepared at Old Mill Breaker

(k) 1,483 tons prepared at Hillside Breaker

(l) 354 tons prepared at Kocho Breaker - District 15

(m) 1,690 tons prepared at K. &amp; P. Breaker

(n) 10,118 tons prepared at Hillside Breaker

(o) All coal prepared at Hillside Breaker

(p) All coal prepared at Donaldson Breaker - District 14.

[illegible]



Operators and Collieries	County	District 14				District 15				District 16				Non-fatal acci- dents
		Production - net tons				Production - net tons				Production - net tons				
		Shipped to market	By truck	Sold to local trade	Used at colliery for steam and heat	Shipped to market	By truck	Sold to local trade	Used at colliery for steam and heat	Shipped to market	By truck	Sold to local trade	Used at colliery for steam and heat	
(a)	All coal prepared at Superior Breaker - District 16.													
(b)	All coal prepared at Oakwood Breaker.													
(c)	221 tons prepared at Franklin Breaker													
(d)	6 tons prepared at Donaldson Breaker													
(e)	5,434 tons prepared at Oakwood Breaker													
(f)	404 tons prepared at Superior Breaker - District 16													
(g)	6,032 tons prepared at Schnock Breaker													
(h)	31 tons prepared at Oakwood Breaker													
(i)	All coal prepared at Donaldson Breaker.													
(j)	6,998 tons prepared at Hillside Breaker - District 13													
(k)	28 tons prepared at Kocher Breaker - District 15													
(l)	Mine ceased operations in April, 1968.													
(m)	11,527 tons prepared at Superior Breaker - District 16													
(n)	13,016 tons prepared at Kocher Breaker - District 15													
(o)	1,333 tons prepared at Superior Breaker - District 13													
(p)	688 tons prepared at Superior Breaker - District 16													
(q)	180 tons prepared at Hillside Breaker - District 13													

NOTE:

- (a) All coal prepared at Superior Breaker - District 16.  
 (b) All coal prepared at Superior Breaker - District 16.  
 (c) 221 tons prepared at Donaldson Breaker  
 (d) 5,434 tons prepared at Oakwood Breaker  
 (e) 404 tons prepared at Superior Breaker - District 16  
 (f) 6,032 tons prepared at Schnock Breaker  
 (g) 31 tons prepared at Oakwood Breaker  
 (h) All coal prepared at Donaldson Breaker.  
 (i) 6,998 tons prepared at Hillside Breaker - District 13  
 (j) 28 tons prepared at Kocher Breaker - District 15  
 (k) Mine ceased operations in April, 1968.  
 (l) 11,527 tons prepared at Superior Breaker - District 16  
 (m) 13,016 tons prepared at Kocher Breaker - District 15  
 (n) 1,333 tons prepared at Superior Breaker - District 13  
 (o) 688 tons prepared at Superior Breaker - District 16  
 (p) 180 tons prepared at Hillside Breaker - District 13

		District 15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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## Operators and Collieries

County	Production - net tons				Used at		Pounds -		Days worked	Empl- oys	Fatal acci- dents	Non- fatal accidents
	Shipped to market: By railroad	By truck	Sold to local trade	Sold to colliery for steam and heat	Total production	Exposable production	Pounds of dynamite used	Pounds of explosives used				
Schuylkill	456	1,500	201	5	2,162 k	2,000	-	199	3	-	-	-
Schuylkill	141	5,429	807	25	6,402 l	3,500	-	262	4	-	-	-
Schuylkill	-	-	331	4	335 h	300	-	103	2	-	-	-
Schuylkill	797	10,540	858	61	12,256 m	725	-	262	7	-	1	-
Schuylkill	3,576	11,195	778	-	15,549	-	-	168	3	-	-	-
Schuylkill	130	405	28	-	563	-	-	18	3	-	-	-
Good Spring Bank	3,706	11,600	806	-	16,112 n	-	-	-	6	-	-	-
J. & C. Coal Co., Inc.	252	636	1,488	31	2,407 o	3,000	-	232	4	-	-	-
No. 1 Vein Slope	2,123	7,785	1,053	-	10,961 p	11,000	-	277	4	-	-	-
Keifers Coal Co.	234	1,307	153	6	1,700 q	1,150	-	126	3	-	-	-
L.V. No. 2 Vein Slope	-	-	-	-	-	-	-	279	45	-	-	-
Knorr Coal Co.	2,267	9,115	3,654	32	15,068 r	5,850	-	256	5	-	-	-
Back Mountain Slope	-	-	-	-	-	-	-	301	12	-	3	-
Kocher Coal Co., Inc., Leon E. Kocher Breaker	-	-	-	-	-	-	-	336	1	-	-	-
L. M. S. Coal Co.	1,596	8,448	2,321	19	12,354 t	14,500	-	279	4	-	-	-
No. 2 Vein Slope	1,774	15,097	1,503	91	18,465 u	13,500	-	292	7	-	-	-
Legal Coal Co.	-	-	-	-	-	-	-	161	10	-	-	-
Legal Breaker	-	-	-	-	-	-	-	161	2	-	-	-
Lehigh Valley Anthracite, Inc.	-	-	-	-	-	-	-	108	-	-	-	-
Joliett Breaker	48,500	23,300	-	-	48,500	-	-	108	-	-	-	-
M. W. S. Coal Co.	-	23,300	-	-	23,300	-	-	108	-	-	-	-
Holmes Slope	48,500	23,300	-	-	71,800 v	-	-	14	-	-	-	-
Madenford Coal Co.	-	-	-	-	-	-	-	-	-	-	-	-
No. 1 Vein Slope	-	-	-	-	-	-	-	-	-	-	-	-
Manbeck Dredging Co., Inc.	-	-	-	-	-	-	-	-	-	-	-	-
Westwood Washery	-	-	-	-	-	-	-	-	-	-	-	-
Westwood Bank	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln Bank	-	-	-	-	-	-	-	-	-	-	-	-
Total	877	9,726	1,218	26	11,817	6,000	-	292	4	-	1	-
Key & Lehman Coal Co.	858	8,440	1,063	23	10,393	5,000	-	288	5	-	-	-
No. 1 Slope	1,735	18,175	2,281	49	22,240 w	11,000	-	-	9	-	-	-
No. 2 Slope	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

## District 15

County	Production - net tons				Used at : colliery for steam and heat	Pounds - permis- sible ex-		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
	Shipped to market : By : railroad	By truck	Sold : to local trade	Total production		production	production				
<b>Operators and Collieries</b>											
P. & M. Coal Co.	-	-	-	-	-	-	x	-	13	4	-
Orchard Slope	21	899	307	2	1,229	y	2,650	-	181	3	-
Panther Head Coal Co.	8,260	20,742	8,550	154	37,706	z	37,500	-	270	18	5
Buck Mountain Drift	538	3,725	1,905	24	6,192	aa	4,250	-	260	6	-
R. & K. Coal Co.	-	-	-	-	-	-	bb	-	59	2	-
Skidmore Slope	1,440	5,358	10,897	141	17,836	cc	8,000	-	310	10	-
R. & J. Coal Co.	1,312	4,801	7,713	71	13,897	dd	12,500	-	246	10	-
No. 2 Vein Slope	338	1,889	245	7	2,479	ee	3,650	-	243	3	-
Reminger & Partners Co.	1,960	5,809	1,015	37	8,821	ff	7,000	-	239	4	-
Holmes Slope	2,852	8,970	7,576	97	19,495	gg	6,000	-	295	7	-
S. & W. Coal Co.	246	901	122	-	1,269	hh	800	-	25	5	-
Middle Split Slope	3,098	9,871	7,698	97	20,764	ii	6,800	-	12	-	-
Shade Coal Co.	2,738	6,589	1,394	53	10,774	jj	7,650	-	289	6	-
No. 2 Vein Slope	266	6,603	13,904	146	20,919	kk	10,250	-	279	5	-
Sharp Mountain Coal Co.	5,591	13,690	2,206	72	21,559	ll	24,000	-	226	8	1
Spence & Herring Coal Co.	97,148	247,996	111,667	1,636	458,447	mm	264,965	-	233	294	17
Stahl Coal Co.											
Sweet Water Coal Co.											
Primrose Slope											
Wolfgang Coal Co.											
L. V. No. 1 1/2 Vein Slope											
Zimmerman Coal Co., Marlin											
Buck Mountain Slope											
District Total											

- NOTE: (a) All coal prepared at Oakwood Breaker - District 14.  
 (b) Formerly operated by Echo Coal Co., worked 11 days with 4 men - changed to Bluebell Enterprises in May 1968 and has 3 employees on maintenance.  
 (c) 1,496 tons prepared at Legal Breaker  
 248 tons prepared at Oakwood Breaker - District 14  
 8,186 tons prepared at Dikenzko Breaker - District 13  
 25,017 tons prepared at Underkoffler Breaker - District 16  
 714 tons prepared at Strohecker Breaker - District 16  
 12,652 tons prepared at Franklin Breaker - District 14  
 4,605 tons prepared at Glenick Breaker - District 13  
 3,334 tons prepared at Pine Creek Breaker - District 16

- (e) All coal prepared at Schneek Breaker - District 14.  
 Formerly operated by S.S.M. Coal Co., who produced 439 tons, worked 29 days with 3 men, used 325 pounds of explosives. Changed to Chyke Coal Co. in April 1968.  
 (f) 1,013 tons prepared at Legal Breaker  
 2,670 tons prepared at Locher Breaker  
 7,073 tons prepared at Pine Creek Breaker - District 16  
 13,041 tons prepared at Oakwood Breaker - District 14  
 11,289 tons prepared at Schneek Breaker - District 14  
 1,789 tons prepared at Hillside Breaker - District 13  
 1,739 tons prepared at K. & P. Breaker - District 13

# District 15

Operators and Collieries	County	Production - net tons			Used at	Pounds -			Non-fatal acci-dents
		Shipped to market	Sold to	By		production	dynamic	days worked	
		By	local	truck	for steam and heat	Used	Used	worked	Fatal acci-dents
(g)	2,204 tons prepared at Pine Creek Breaker - District 16					(y) 575 tons prepared at Old Mill Breaker - District 13			
(h)	All coal prepared at Underkoffler Breaker - District 16.					129 tons prepared at Franklin Breaker - District 14			
(i)	No production, worked 15 days with 3 men on maintenance.					525 tons prepared at Oakwood Breaker - District 14			
(j)	30 tons prepared at Franklin Breaker - District 14					(z) 20,333 tons prepared at Kocher Breaker			
	272 tons prepared at Old Mill Breaker - District 13					(aa) 17,373 tons prepared at Pine Creek Breaker - District 16			
	2,106 tons prepared at Legal Breaker					1,558 tons prepared at Underkoffler Breaker - District 14			
(k)	Holmes Slope ceased operations in January 1968. Buck Mountain Slope ceased operations in April 1968.					1,953 tons prepared at Donaldson Breaker - District 14			
(l)	1,444 tons prepared at Schneek Breaker - District 14					2,078 tons sold unprepared to itinerate truckers - Dist. 16			
	144 tons prepared at Franklin Breaker - District 14					(cc) 4,957 tons prepared at Kocher Breaker			
	280 tons prepared at Donaldson Breaker - District 14					10,165 tons prepared at Underkoffler Breaker - District 16			
(1)	All coal prepared at Franklin Breaker - District 14. Formerly S. & L. Coal Co. worked 10 days, 2 men. Changed to Harner Coal Co. on February 1, 1968					2,714 tons prepared at Legal Breaker			
(m)	All coal prepared at Legal Breaker.					7,134 tons prepared at Underkoffler Breaker - District 16			
(n)	All coal prepared at Donaldson Breaker - District 14.					6,763 tons prepared at Superior Breaker - District 16			
(o)	1,387 tons prepared at Underkoffler Breaker - District 16					(ee) 1,312 tons prepared at Oakwood Breaker - District 14			
	136 tons prepared at Superior Breaker - District 16					(ff) 1,167 tons prepared at Schneek Breaker - District 14			
	884 tons prepared at Kocher Breaker					3,242 tons prepared at Schneek Breaker - District 14			
(p)	All coal prepared at Superior Breaker - District 16.					4,200 tons prepared at Kocher Breaker			
(q)	384 tons prepared at Kocher Breaker					(gg) 5,697 tons prepared at Kocher Breaker			
	392 tons prepared at Superior Breaker - District 16					6,267 tons prepared at Underkoffler Breaker - District 16			
(r)	924 tons prepared at Legal Breaker					336 tons prepared at Schneek Breaker - District 14			
	5,917 tons prepared at Pine Creek Breaker - District 16					1,053 tons prepared at Legal Breaker			
	1,787 tons prepared at Donaldson Breaker - District 14					6,019 tons prepared at Superior Breaker - District 16			
	1,677 tons sold unprepared to itinerate truckers - District 16					(hh) 1,392 tons prepared at Donaldson Breaker			
	Stahl & Shade Coal Co. produced 5,687 tons of this coal, worked 69 days with 5 men and used 2,000 pounds of explosives. Changed to L.M.S. Coal Co. in April 1968.					10,611 tons prepared at Kocher Breaker			
(s)	Breaker idle entire year of 1968 - 1 employee on maintenance.					(ii) 163 tons prepared at Superior Breaker - District 16			
(t)	6,021 tons prepared at Schneek Breaker - District 14					7,132 tons prepared at Oakwood Breaker - District 14			
	6,333 tons prepared at Swift Breaker - District 11					13,226 tons prepared at Underkoffler Breaker - District 16			
(u)	3,166 tons prepared at Kocher Breaker					(jj) 561 tons prepared at Superior Breaker - District 16			
	14,444 tons prepared at Legal Breaker					16,384 tons prepared at Schneek Breaker - District 14			
(v)	885 tons prepared at Oakwood Breaker - District 16					4,670 tons prepared at Kocher Breaker			
(w)	48,500 tons prepared at Westwood Washery					265 tons prepared at Old Mill Breaker - District 13			
(x)	23,300 tons sold unprepared to New Jersey Zinc Co.					240 tons prepared at Reidinger Breaker - District 11			
(y)	5,123 tons prepared at Schneek Breaker - District 14								
(z)	17,117 tons prepared at Oakwood Breaker - District 14								
	No production - worked 13 days with 4 men on maintenance.								



## District 16

Operators and Collieries	County	Production - net tons				Pounds permis- sible ex- ploives	Pounds dynamite used	Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market By railroad	By truck	Sold to local trade	Used at colliery for steam and heat						
A. L.V. No. 6 Vein Slope Acme Coal Co.	Schuyldill	-	-	2,584	26	2,610 a	1,200	-	153	4	-
L.V. No. 5 Vein Slope B. & M. Coal Co.	Schuyldill	-	-	5,149	52	5,201 a	2,100	-	204	4	-
B. & M. Coal Co. B. & P. Coal Co.	Schuyldill	1,902	8,603	1,420	25	11,950 b	5,050	-	267	5	1
Buck Mountain Slope D. & R. Coal Co.	Schuyldill	3	7	1,387	14	1,411 c	750	-	142	4	-
D. & R. Slope Fireside Mining, Inc.	Schuyldill	71	195	34	1	301 d	200	-	20	3	-
No. 2 Slope Frank Coal Co., George	Schuyldill	1,588	15,639	1,428	91	18,746 e	13,700	200	286	13	3
Jenkins Breaker G. & K. Coal Co.	Dauphin	-	-	-	-	-	-	-	228	2	-
G. & K. Slope Gangloff Brothers	Dauphin	-	-	20	-	20 a	500	-	4	3	-
Williamstown Silt Bank Harman Coal Co.	Dauphin	-	90,000	-	-	90,000 f	-	-	126	7	-
Buck Mountain Slope Harner Coal Co., Inc.	Schuyldill	1,182	5,657	1,909	35	8,783 g	10,200	50	272	4	-
Sidmore Slope Hatter Coal Co.	Schuyldill	4,179	20,419	2,756	128	27,482 h	14,450	250	301	11	-
Middle Split Slope Hornberger Coal Co.	Schuyldill	3,974	14,545	1,967	-	20,486 i	15,200	-	287	9	-
Buck Mountain Slope J. & C. Coal Co., Inc.	Schuyldill	340	7,016	725	29	8,110 j	3,750	100	269	3	1
Sidmore Slope Coal Co. Kintzel Brothers Coal Co.	Schuyldill	3,861	8,285	23,302	218	35,666 k	8,000	2,000	304	11	-
L.V. No. 6 Vein Slope Kocher Coal Co., Leon	Schuyldill	795	2,244	311	10	3,360 l	3,100	150	275	4	-
Porter Tunnel Koppenhaver Coal Co.	Schuyldill	-	-	-	-	- m	-	-	49	8	-
Buck Mountain Slope Kroh Coal Co.	Schuyldill	646	7,335	1,147	46	9,174 n	4,000	150	274	3	-
L.V. No. 1 1/2 Vein Slope Lahr Coal Co.	Schuyldill	-	-	237	2	239 a	250	25	74	3	-
White's Vein Slope Lehman Coal Co., Mervin	Dauphin	-	-	516	5	521 a	200	-	98	3	-
L.V. No. 6 Vein Slope	Schuyldill	60	1,220	149	4	1,433 o	650	-	210	4	-



## District 16

County	Production - net tons				Used at		Pounds		Days	Empl- o- ves	Fatal acci- dents	Non- fatal acci- dents
	Shipped to market : By : railroad	By : truck	Sold : local : trade	Used at : to colliery for steam and heat	Total : production:	permis- sible ex- plodes	dynamite used	worked				
<b>Operators and Collieries</b>												
Lucas Coal Co., Franklin	1,136	2,860	854	21	4,871 p	2,250	-	215	3	-	-	-
White's Vein Slope												
M.A.D. Coal Co.												
L.V. No. 6 Vein Slope	139	279	171	2	591 q	275	-	107	3	-	-	-
Mace Coal Co., James												
White's Vein Slope	3,600	6,771	4,646	18	15,035 r	7,800	150	254	8	-	2	-
Marby Coal Co., Inc.												
Middle Split Slope	502	6,619	2,457	-	9,608 s	6,800	150	255	8	-	-	-
Marchuk & Son Coal Co.												
No. 9 Vein Slope	-	168	-	-	168 t	200	-	36	2	-	-	-
Meadowbrook Coal Co.	-	13,319	-	-	13,319	-	-	255	3	-	-	-
Meadowbrook Bank	-	-	-	-	-	-	-	257	2	-	-	-
Meadowbrook Washery	-	13,319	-	-	13,319 u	-	-	-	5	-	-	-
<b>Total</b>												
No. 4 Coal Co.	2,355	5,868	1,652	28	9,903 v	5,000	-	255	5	-	-	-
White's Vein Slope												
Pine Creek Coal Co.	-	-	-	-	-	-	-	297	15	-	-	-
Pine Creek Breaker	651	2,384	322	-	3,357 i	1,600	300	250	3	-	-	-
Reiner Coal Co.												
No. 5 1/2 Vein Slope	529	1,515	954	8	3,006 w	2,600	50	233	3	-	-	-
S. & K. Coal Co.												
Buck Mountain Slope	453	3,564	478	17	4,512 x	3,200	-	243	4	-	-	-
S. & S. Coal Co.												
Sidmore Slope	551	934	1,139	-	2,624	650	500	201	3	-	-	-
Shomper Coal Co.	147	219	303	-	699	400	-	514	3	-	-	-
L.V. No. 6 Vein Slope	-	-	-	-	-	-	-	227	2	-	-	-
L.V. No. 3 Vein Slope	698	1,183	1,442	-	3,323 y	1,050	500	-	8	-	-	-
Shomper Breaker												
<b>Total</b>												
Smeltz Coal Co.	213	3,037	474	15	3,739 z	8,400	-	230	3	-	-	-
No. 7 Vein Slope												
Split Vein Coal Co., Inc.	615	2,168	15,524	217	18,824 aa	4,175	-	294	14	-	1	-
Middle Split Slope												
Strohecker Coal Co.	-	-	-	-	-	-	-	285	8	-	-	-
Strohecker Breaker												
Superior Coal Co.	-	-	-	-	-	-	-	303	10	-	1	-
Superior Breaker												
Underkofler Coal Co.	-	-	3,339	33	3,372	2,400	-	249	3	-	-	-
Underkofler Slope	-	-	-	-	-	-	-	245	24	-	1	-
Buck Mountain Slope	-	-	-	-	-	-	-	-	27	-	-	-
Underkofler Breaker	-	-	3,339	33	3,372 a	2,400	-	-	-	-	-	-
<b>Total</b>												

## District 16

Operators and Collieries	County	Production - net tons			Pounds permis- sible ex- plosives used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal dents
		Shipped to market:	Sold to colliery:	Used at local for steam and heat					
		By railroad	By truck	trade	Total production:				
Valley Construction Co. L.V. No. 6 Vein Slope	Dauphin	-	92	-	92 t	50	35	3	-
White's Vein Coal Co.	Schuylkill	830	1,543	1,053	3,429 bb	520	278	3	-
Williamson Coal Co., Inc. Ski-dmore Slope	Schuylkill	11,860	27,312	21,635	60,960 cc	46,000	294	22	10
Wolfe Coal Co. No. 7 Vein Slope	Dauphin	3	7	295	2	307 dd	107	2	-
District Total		42,185	260,514	100,337	1,203	175,720	4,300	267	20

## NOTE:

- (a) All coal prepared at Underkoffler Breaker.  
 (b) 2,511 tons prepared at Kocher Breaker - District 15  
 2,472 tons prepared at Legal Breaker - District 15  
 6,967 tons prepared at Superior Breaker  
 (c) 1,367 tons prepared at Underkoffler Breaker  
 14 tons prepared at Strohecker Breaker  
 (d) 110 tons prepared at Superior Breaker  
 191 tons prepared at Kocher Breaker - District 15  
 1,870 tons prepared at Schneck Breaker - District 14  
 16,801 tons prepared at Legal Breaker - District 15  
 75 tons prepared at Underkoffler Breaker  
 This mine operated as S. & S. Coal Co., Inc. Ski-dmore Slope with 11 men, working 19 days, using 3200 lbs. explosives, producing 4,017 tons of coal, having 1 non-fatal accident  
 (f) All coal sold direct, unprepared to P. & L. Co.  
 Cessed operating September 30, 1968.  
 (g) 4,685 tons prepared at Pine Creek Breaker  
 3,640 tons prepared at Legal Breaker - District 15  
 458 tons prepared at Kocher Breaker - District 15  
 428 tons prepared at Pine Creek Breaker  
 (h) 1,655 tons prepared at Superior Breaker  
 14,184 tons prepared at Legal Breaker - District 15  
 11,215 tons prepared at Kocher Breaker - District 15  
 All coal prepared at Superior Breaker.  
 (i) 4,334 tons prepared at Oakwood Breaker - District 14  
 3,776 tons prepared at Legal Breaker - District 15  
 (k) 343 tons prepared at Superior Breaker  
 19,057 tons prepared at Underkoffler Breaker  
 13,229 tons prepared at Strohecker Breaker
- (k) 2,026 tons prepared at Kocher Breaker - District 15  
 915 tons prepared at Legal Breaker - District 15  
 81 tons prepared at Old Mill Breaker - District 13  
 15 tons prepared at Swatara Breaker - District 13  
 2,971 tons prepared at Schneck Breaker - District 14  
 389 tons prepared at Oakwood Breaker - District 14  
 Worked 19 days re-opening a mine-no production of coal.  
 (m) 389 tons prepared at Superior Breaker  
 (n) 578 tons prepared at Underkoffler Breaker  
 8,207 tons prepared at Legal Breaker - District 15  
 1,316 tons prepared at Oakwood Breaker - District 14  
 117 tons prepared at Schneck Breaker - District 14  
 1,108 tons prepared at Pine Creek Breaker  
 326 tons prepared at Superior Breaker  
 3,437 tons prepared at Kocher Breaker - District 15  
 501 tons prepared at Strohecker Breaker  
 90 tons prepared at Kocher Breaker - District 15  
 14,487 tons prepared at Strohecker Breaker  
 531 tons prepared at Pine Creek Breaker  
 (s) 17 tons prepared at Underkoffler Breaker  
 2,156 tons prepared at Reidinger Breaker - District 11  
 6,930 tons prepared at Skiff Breaker - District 11  
 522 tons prepared at Malvo Breaker - District 9  
 (t) All coal prepared at Lykens Breaker.  
 (u) All coal prepared at Meadowbrook Washery.  
 (v) 2,480 tons prepared at Strohecker Breaker  
 2,239 tons prepared at Superior Breaker  
 5,184 tons prepared at Kocher Breaker - District 15

## District 16

Production - net tons		Pounds		Non-fatal accidents
Shipped to market	Sold to	Used at colliery	Permissible explosives	
By truck	By local trade	for steam and heat	Total : pounds used	Fatal accidents
By railroad	County		production : used	days worked
Operators and Collieries				at breaker
NOTE: (w) 2,502 tons prepared at Pine Creek Breaker			(bb) All coal prepared at Strohecker Breaker	
143 tons prepared at Superior Breaker			(cc) 33,243 tons prepared at Pine Creek Breaker	
61 tons prepared at Underkoffler Breaker			2,806 tons prepared at Underkoffler Breaker	
(x) 788 tons prepared at Legal Breaker - District 15			24,619 tons prepared at Strohecker Breaker	
1,316 tons prepared at Schneek Breaker - District 14			15 tons prepared at Superior Breaker	
2,408 tons prepared at Franklin Breaker - District 14			(dd) 277 tons prepared at Legal Breaker - District 15	
(y) All coal prepared at Shomper Breaker.			294 tons prepared at Underkoffler Breaker	
(z) 3,177 tons prepared at Franklin Breaker - District 14				
562 tons prepared at Kocher Breaker - District 15				
(aa) 836 tons prepared at Pine Creek Breaker				
14,888 tons prepared at Underkoffler Breaker				
202 tons prepared at Strohecker Breaker				
1,756 tons prepared at Superior Breaker				
837 tons prepared at Legal Breaker - District 15				
295 tons prepared at Split Vein Breaker - District 11				
10 tons prepared at Franklin Breaker - District 14				

\* \* \* \* \*



# **REPORT OF OIL AND GAS DIVISION**



OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

ANNUAL REPORT 1968

INCLUDES ONLY WELLS COVERED BY OIL AND GAS CONSERVATION LAW  
EFFECTIVE SEPTEMBER 25, 1961

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>TOTAL</u>
Drilling Permits Issued	19	69	94	98	46	62	25	14	427
Cancellations as of end 1968	0	4	11	14	5	9	2	0	45
Effective Permits	19	65	83	84	41	53	23	14	382

Completion Report Filing Status

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>TOTAL</u>
Reports Received as of end 1967	18	65	82	80	39	52	16	-	352
During 1968	-	-	-	1	2	1	5	9	18
Unreported as of end 1968	1	-	1	3	-	-	2	5	12

Well Record Information

	<u>WILDCAT WELLS</u>		<u>FIELD WELLS</u>		<u>TOTAL WELLS</u>	
	Gas	Dry	Gas	Dry	Gas	Dry
1961 Permits	1	11	4	2	5	13
1962 Permits	8	27	23	7	31	34
1963 Permits	16	17	37	12	53*	29
1964 Permits	6	25	43	7	49*	32
1965 Permits	6	26	6	3	12	29
1966 Permits	5	16	30	2	35	18
1967 Permits	1	6	11	3	12	9
1968 Permits	1	6	2	-	3	6

(\*) Includes wells productive of both oil and gas 1-1963 Permit: 3-1964 Permits.

Note: Wells having been projected to depths controlled by Oil and Gas Conservation Law, and not having reached such formations, together with wells having penetrated formations covered by the Conservation Law and found to be unproductive at such depths, thence plugged back to produce gas from shallow depths not covered by the Law, are considered for Commission purposes to be dry.

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

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Wells under Commission Jurisdiction

	P E R M I T S								
	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>TOTAL</u>
Wells Reported Productive	5	31	53	49	12	35	12	3	200
Dry Wells to be Plugged	1	1	2	1*	1	1	2	2	11
Active Wells Not Reported	<u>1</u>	<u>-</u>	<u>1</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>2</u>	<u>5</u>	<u>12</u>
	7	32	56	53	13	36	16	10	223
Less Productive Wells Produced and Plugged	<u>-</u>	<u>3</u>	<u>6</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>12</u>
	7	29	50	50	13	36	16	10	211

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\*Disposal Well

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Number of Operators

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>
By Year	12	22	24	24	18	18	7	11
Cumulative (Since 9/25/61 Effective Date of Law)	12	26	38	48	52	57	57	59

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Temperature, Electric and Radioactivity Logs Filed

	P E R M I T S								
	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>TOTAL</u>
Number of Survey Logs	26	77	222	234	77	96	37	17	786
Number of Wells Surveyed	12	27	71	78	34	28	17	6	273

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Statement of Income - 1968

Drilling Permit Fees	14 Permits @ \$25.00 each	\$350.00
Spacing Order Application Fee		<u>250.00</u>
Total Income		\$600.00



OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

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PERMITS BY COUNTY (Cancellations Excluded)

	1961	1962	1963	1964	1965	1966	1967	1968
Armstrong	-	-	1	-	-	2	1	-
Beaver	-	-	-	-	1	-	-	-
Bedford	-	5	10	11	3	-	-	-
Blair	1	-	-	-	1	-	-	-
Bradford	1	-	2	-	-	1	-	-
Cambria	-	2	-	-	2	1	2	4
Cameron	3	14	1	2	1	-	-	-
Carbon	-	1	-	1	-	-	-	-
Center	-	-	1	1	1	-	-	-
Clarion	-	-	1	3	1	1	-	-
Clearfield	2	6	4	4	1	-	-	1
Clinton	-	1	-	-	-	-	-	-
Crawford	-	2	25	43	4	1	-	-
Elk	1	3	1	-	-	-	-	1
Erie	-	2	-	1	1	-	-	-
Fayette	2	2	1	2	1	1	1	-
Fulton	-	-	-	-	3	-	-	-
Greene	-	1	-	-	-	-	-	-
Indiana	-	5	17	1	2	1	1	2
Jefferson	-	-	1	-	7	34	13	1
Juniata	-	-	-	1	-	-	-	-
Lawrence	-	-	-	1	1	-	-	-
Lycoming	2	-	-	-	-	-	-	-
McKean	1	1	1	1	1	-	-	1
Mercer	-	1	2	2	1	2	1	1
Monroe	-	-	-	-	-	-	-	-
Northumberland	-	-	-	-	-	-	-	-
Potter	1	8	1	1	1	1	-	-
Somerset	1	3	1	1	1	3	-	1
Tioga	2	1	-	-	1	1	-	-
Warren	1	-	1	1	2	-	-	-
Washington	-	-	-	-	-	1	1	1
Wayne	-	-	-	-	1	-	-	1
Westmoreland	<u>1</u>	<u>7</u>	<u>12</u>	<u>7</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>-</u>
Number of Wells	19	65	83	84	41	53	23	14
Number of Counties By Year	13	18	18	18	23	14	8	10
Cumulative		22	26	28	31	32	32	32

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

PRODUCTIVE WELLS BY COUNTY (Excludes wells produced, depleted and plugged)

	<u>P E R M I T S</u>							
	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>
Armstrong	-	-	-	-	-	-	-	-
Beaver	-	-	-	-	-	-	-	-
Bedford	-	4	9	5	-	-	-	-
Blair	-	-	-	-	-	-	-	-
Bradford	-	-	-	-	-	-	-	-
Cambria	-	-	-	-	2	1	2	1
Cameron	2	11	-	-	-	-	-	-
Carbon	-	-	-	-	-	-	-	-
Center	-	-	-	-	-	-	-	-
Clarion	-	-	1	1	-	-	-	-
Clearfield	1	1	1	2	-	-	-	-
Clinton	-	-	-	-	-	-	-	-
Crawford	-	2	19	33	1	-	-	-
Elk	1	2	-	-	-	-	-	-
Erie	-	-	-	-	-	-	-	-
Fayette	1	-	1	1	-	-	-	-
Fulton	-	-	-	-	-	-	-	-
Greene	-	-	-	-	-	-	-	-
Indiana	-	-	7	-	1	-	-	-
Jefferson	-	-	-	-	6	31	10	1
Juniaata	-	-	-	-	-	-	-	-
Lawrence	-	-	-	-	-	-	-	-
Lycoming	-	-	-	-	-	-	-	-
McKean	-	-	-	-	-	-	-	-
Mercer	-	-	1	1	1	1	-	-
Monroe	-	-	-	-	-	-	-	-
Northumberland	-	-	-	-	-	-	-	-
Potter	-	5	-	-	-	-	-	-
Somerset	-	-	-	-	-	1	-	1
Tioga	-	-	-	-	-	-	-	-
Warren	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-
Wayne	-	-	-	-	-	-	-	-
Westmoreland	-	3	8	3	1	1	-	-
	5	28	47	46	12	35	12	3

Spacing and Integration Orders

During 1968, upon proper application for modification of the two spacing orders covering the Murrysville Pool, and after notice and hearing and a continuation thereof, Spacing Order 5-B was entered by which, due to developments in the pool and for geological reasons, 600 acres were released from control, 1,000 acres elsewhere adjoining the spaced area made subject to control, and minimum distances and units reduced as shown in the table below.

As of the end of 1968, there were 30,895 acres subject to Spacing Order control within the Commonwealth.

<u>NAME OF POOL COUNTIES DISCOVERY DATE</u>	<u>SPACING ORDER AREA</u>	<u>SPECIFIC UNIT ESTABLISHED</u>	<u>MINIMUM DISTANCE BETWEEN WELLS</u>	<u>DISTANCE FROM UNIT BOUNDARY</u>	<u>MINIMUM UNIT</u>
Five Forks Bedford 6-6-12	3,105 acres	7 units averaging 449 acres, but two wells were drilled on each of two units, making the average 345 acres per well	2500'	600'	Specific units designated
Artemas Bedford 6-29-63	3,378 acres	12 units averaging 282 acres	2500'	650'	Specific units designated
Blairsville Westmoreland & Indiana 11-1-62	6,400 acres		3000'	660'	400 acres
Murrysville Westmoreland & Allegheny 9-19-63	7,600 acres increased to 8,000 acres	2 units, approx. 600 acres each approved under original orders, 346 acres unit approved by latest order	4000' Reduced to 2200'	1400' Reduced to 400'	600 acres Reduced to 300 acres
Somerset Somerset 1-22-64	2,550 acres	4 units averaging 637½ acres	3000'	1000'	Specific units designated
Rager Mountain Cambria 1-19-65	7,462 acres	4 units averaging 659 acres	3500'	1000'	600 acres (750 acres maximum)

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

BOARD OF COMMISSIONERS

The Commissioners serve without compensation other than traveling and other necessary expenses.

The following are members of the Board of Commissioners:

Honorable H. B. Charnbury, Secretary Department of Mines and Mineral Industries		Serving by Statute
Charles E. McGinnis, Chairman*	Representing	Major Oil
Quentin E. Wood, Vice Chairman*	"	Independent Oil
William E. Snee	"	Independent Gas
Harold J. Wagner	"	Independent Oil or Gas
Charles P. Duncan, Jr.	"	Major Utility Gas
J. R. Wylie, Jr.	"	Major Non-Utility Gas

W. Roy Cunningham, Deputy Secretary, Oil and Gas Division, has served as a Commissioner, having represented Honorable H. B. Charnbury at the Commission meetings and hearings when Dr. Charnbury has been unable to be present.

Leon Ehrlich, Deputy Attorney General, and Edward S. Martin, Esquire have served as Legal Advisors to the Commission.

Robert J. Hartman is Secretary of the Commission.

MEETINGS OF COMMISSIONERS

During 1968 the Board of Commissioners held 8 regular meetings to consider the administrative affairs of the Commission, conducted one public hearing and a continuation thereof, entered one spacing order modifying a previous spacing order, and held many informal conferences among themselves on the special problems of the Commission.

\* Elected December 12, 1968, to serve for the calendar year 1969, succeeding J. R. Wylie, Jr., Chairman, and Charles E. McGinnis, Vice Chairman.

## REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE #1  
SUMMARY OF ACTIVITIES

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>
1. Drilling Permits Issued in Coal Areas	208	334	320	313	296	277	350	320	364	331	320	325	299
2. Drilling Permits Issued Coal Areas Act 359 #	-	-	-	-	-	9	34	43	24	20	51	24	12
3. Total Wells Coal Areas (Items 1 and 2)	208	334	320	313	296	286	384	363	388	351	371	349	311
4. Drilling Permits Issued in Non-Coal Areas	-	-	-	-	-	-	-	-	-	-	-	-	297
5. Drilling Permits Issued Non-Coal Areas Act 359 #	-	-	-	-	-	10	35	51	74	26	11	1	2
6. Total Permits Issued (Items 3, 4, and 5)	208	334	320	313	296	296	439	414	462	378	382	350	610
7. Reported Wells in Non-Coal Areas-File Numbers Issued	642*	678*	744*	495*	643*	467*	445*	532*	782*	653*	653*	660*	698*
8. Total Wells Non-Coal Areas (Items 4, 5, and 7)	642	678	744	495	643	477	480	583	856	679	664	661	997
9. Total Wells Coal and Non-Coal Areas (Items 6 and 7)	850	1012	1064	808	939	763	864	946	1244	1030	1035	1010	1308
10. Total Drilling Permits Issued Act 359 (Items 2 and 5) #	-	-	-	-	-	19	69	94	98	46	62	25	14
11. Drilling Canceled - Permits and Non-Coal File Numbers	-	1	21	29	281	49	8	24	27	118	82	40	270
12. Wells Reported Drilled	375	819	888	799	949	782	766	749	1149	968	997	943	1045
13. Plugging Numbers Issued	95	171	176	226	245	268	269	246	372	287	564	358	1246
14. Plugging Numbers Canceled	-	2	5	19	9	20	12	21	23	15	7	22	22
15. Wells Reported Plugged and Abandoned	70	130	110	181	237	243	254	204	353	267	319	566	485
16. Pillar Permits Issued	259	195	111	79	105	128	87	108	105	145	299	172	175
17. Pillar Permits Canceled	-	-	-	-	-	-	9	-	2	3	1	-	1

Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961.  
 Prior to September 30, 1968, Permits were not required for wells in Non-Coal Areas, except those wells coming within purview of Act 359 of 1961.  
 Act 265, Approved July 31, 1968, Effective September 30, 1968 - requires Permits to be issued for all wells.

TABLE #2  
SUMMARY OF ACTIVITIES BY COUNTIES  
JANUARY - DECEMBER 1968

County	Permits Issued	Permits Reported		Drilling Canceled	Wells		Plugging Numbers Issued	Wells		Pillar Permits Issued	Pillar Permits Canceled	DRILLING PERMITS ISSUED		Total
		Coal Areas	Non-Coal Areas		Canceled	Reported Drilled		Plugging Canceled	Plugged & Abandoned			ACT 359 of 1961		
												Coal Areas	Non-Coal Areas	
Allegheny	8	-	-	-	11	15	-	17	50	-	-	-	-	
Armstrong	41	2	3	2	47	38	6	29	28	-	-	-	-	
Beaver	-	-	1	-	1	1	-	5	-	-	-	-	-	
Bedford	-	-	-	-	-	5	-	1	-	-	-	-	-	
Blair	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butler	8	-	-	-	7	23	1	17	24	-	-	-	-	
Cambria	3	1	-	-	4	1	-	1	-	-	3	1	4	
Cameron	-	-	-	-	-	-	-	-	-	-	-	-	-	
Centre	1	-	-	-	1	1	-	1	-	-	-	-	-	
Clarion	8	4	3	3	14	18	3	17	-	-	-	-	-	
Clearfield	2	-	-	-	2	10	-	10	4	-	1	-	1	
Clinton	-	1	-	-	1	4	-	3	-	-	-	-	-	
Crawford	-	13	9	4	11	2	-	2	-	-	-	-	-	
Elk	1	7	11	-	13	7	1	3	-	-	1	-	1	
Erie	-	-	8	-	8	15	-	7	-	-	-	-	-	
Payette	3	1	-	-	3	5	-	5	-	-	-	-	-	
Forest	-	8	30	11	31	11	-	6	-	-	-	-	-	
Greene	2	-	-	3	1	17	1	22	33	-	-	-	-	
Indiana	160	-	-	5	139	14	1	14	4	-	2	-	2	
Jefferson	48	1	6	5	61	58	2	50	1	-	1	-	1	
Lawrence	-	-	1	-	1	3	-	3	-	-	-	-	-	
Luzerne	-	-	2	-	2	1	-	1	-	-	-	-	-	
McKean	-	113	202	121	233	551	1	123	-	-	-	1	1	
Mercer	1	-	1	-	1	47	3	45	-	-	1	-	1	
Monroe	-	-	1	-	1	1	-	1	-	-	-	-	-	
Potter	1	3	29	6	29	23	-	9	-	-	1	-	1	
Somerset	1	-	-	-	1	-	-	-	-	-	-	-	-	
Tioga	-	1	-	-	-	-	-	-	-	-	-	-	-	
Venango	-	91	76	-	93	44	-	14	-	-	-	-	-	
Warren	-	53	315	105	303	284	-	35	-	-	-	-	-	
Washington	2	-	1	1	2	19	1	19	29	-	1	-	1	
Westmoreland	22	-	-	4	25	27	2	24	2	-	1	-	1	
TOTAL	311	299	698*	270	1045	1216	22	485	175	1	12	2	14+	

(\*) Permits were not required for wells drilled in non-coal areas prior to September 30, 1968.

Act 265, approved July 31, 1968, effective September 30, 1968 - requires permits to be issued for all wells.

(+) -Included in Total of 610 Drilling Permits Issued.

TABLE # 3

## SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED

JANUARY - DECEMBER, 1968

COMPANY	Allegheny	Armstrong	Butler	Cambridge	Centre	Clarion	Clearfield	Clinton	Crawford	Elk	Fayette	Forest	Greene	Indiana	Jefferson	McKean	Mercer	Potter	Somerset	Tioga	Vanango	Warren	Washington	Westmoreland	TOTAL
Andreassi and Hlwig Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Arctic Gas Company	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2
Austen & Curtis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Bash Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	8
Beta Oil, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2
Bissett Construction Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	4
Bittinger Drilling	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Boase, E. S.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Boyd & Shriver	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	-	-	19
Brown & Son Oil Company	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Bryner & Son, E. E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3
Bucher Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Burgly, G. E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	1
Cady, Myrie H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Chilli and Hogsett (O. W. Hogsett, Operator)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Clopp & Son, John	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Consolidated Gas Supply Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	5	11	-	-	-	-	-	-	-	-	-	16
Curtis Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Curtis & Son, Howard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	4
Davies & Sons, Edward	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	5
Dawn Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2
Delta Drilling Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Dutton, Arthur H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1





TABLE # 3

## SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED

JANUARY - DECEMBER, 1968

COMPANY	Allegheny	Armstrong	Butler	Cambria	Centre	Clarion	Clearfield	Clinton	Crawford	Elk	Fayette	Forest	Greene	Indiana	Jefferson	McKean	Mercer	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	TOTAL
Jean's Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	2
K V F Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	1
Kerpse, Stanley J.	-	-	-	-	-	-	-	-	6	-	-	-	-	5	-	-	-	-	-	-	-	-	1	4	16
Keweenaw Oil Company	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Kinley Oil & Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	7
Kirch, George L. et al	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	1
Kutch, Vincent	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Lafare Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
(A. J. Harvey)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Lancaster Coal Company	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Lenco Drilling Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Lingenfelter, Jack R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Linn, Earl H.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Louden Production Company	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	4
McCormick, Sanford E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
McKenna, H. A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Manufacturers Light & Heat Co., The	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Matway, John E.	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Mays, James A.	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Messer Oil Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	6	-	-	-	-	-	-	-	-	6
Mid-Atlantic Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	6
Mid-East Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	5
Mimich, Joseph Heirs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	9
Minter, Lee E.	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1





TABLE # 3  
SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED  
JANUARY - DECEMBER, 1968

COMPANY	Allegheny	Armstrong	Butler	Cambla	Centre	Clarion	Clearfield	Clinton	Crawford	Elk	Fayette	Forest	Greene	Indiana	Jefferson	McKean	Mercer	Potter	Somerset	Tioga	Vanango	Warren	Washington	Westmoreland	TOTAL
York Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Zenith Exploration Company	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1
TOTAL	8	43	8	4	1	12	2	1	13	8	4	8	2	160	49	113	1	3	1	1	91	53	2	22	610

TABLE #4

## SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS

JANUARY - DECEMBER, 1968

COMPANY	Armstrong	Beaver	Clarion	Crawford	Elk	Erie	Forest	Jefferson	Lawrence	Luzerne	McKean	Monroe	Potter	Venango	Warren	Washington	TOTAL
A & D Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
(Arthur K. & Dorothy R. Wickham).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
Allen Oil & Gas Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Anderson, W. B.	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1
Armstrong Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	5
Bader & Morall Petroleum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Bailey & Landers Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Baker, Sheldon E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Bash Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Beaver, Albert H.	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	3
Benson, Charles	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Big Deal Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
Bittinger Drilling Company	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Blaho Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	6
Boyle, Ralph H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Brenan, Russel A.	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	5
Britton, Miller, DeArment & Walker	-	-	-	-	-	1	-	-	-	-	-	-	-	-	17	-	17
Brown and Koppel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Bryner & Son, E. E.	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	6
Bucher Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	4
Bucklin Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Burnham Gas Company, Incorporated	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Cady, Myrle H. (faily, Myrle L. Cady & Arthur H. Denton)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
Cady, Myrle H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Campbell, L. M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2



TABLE #4

## SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS

JANUARY - DECEMBER, 1968

COMPANY	Armstrong	Beaver	Clanton	Crawford	Elk	Erie	Forest	Jefferson	Lawrence	Luzerne	McKean	Monroe	Potter	Venango	Warren	Washington	TOTAL
H. & B. Oil Company	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	3
Hammermill Paper Company	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	1
Hanley and Bird	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	6
Harmon, E. L., Agent	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Heath, Carl R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1
Hilltop Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Hogsett, O. W., Trustee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Hollobaugh, Orris A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Howard & Son, H. H.	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2
Hughes, D. A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1
Huntington, H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Huntington, Harold	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
James Drilling Corporation	-	-	-	8	-	-	-	-	-	-	-	-	1	-	-	-	9
Johnson, Carl R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4
Katselas, C. G.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Kendall Refining Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	23
King, C. E. (Mrs.)	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	1
Kinley Oil & Gas Corporation	-	-	-	-	-	-	-	-	-	-	15	-	-	1	-	-	15
Kohlmeier, Frank K. & Lillian C.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Kohlmeier, F. K.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Korner, Margaret A.	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	3
Krellner, Ben et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Lanias, Victor C.	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1
Leimann, C., Ernest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	7
Leight, C. A.	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2

SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS

JANUARY - DECEMBER, 1968

COMPANY	Armstrong	Beaver	Clarion	Crawford	Elk	Erie	Forest	Jefferson	Lawrence	Luzerne	McKean	Monroe	Potter	Venango	Warren	Washington	TOTAL
Lenco Drilling Company	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Linn, Earl H.	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
McDonald, O. C.	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	2
McNena, H. A.	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Mays, James A.	-	-	-	-	-	-	-	-	-	14	1	-	-	-	-	-	14
Messer Oil Corporation	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Minard Run Oil Company	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	5
Minnich, Joseph Heirs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Morrison, Ralph A.	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Morrison, Ralph	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Morton and Shoenbach	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Nordon Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Oakes, Carroll M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	5
Pape Company, R. A.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Pennsylvania Gas Company	-	-	-	-	-	1	-	-	-	-	88	-	-	-	-	-	88
Pennzoil Company	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Phillips, Harry F., Agent	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
Phoenix Eastern Oil Fields, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4
Proper, J. Bowman	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	5
Quaker State Oil Refining Corporation	-	-	-	-	-	2	-	2	-	-	1	-	-	46	22	-	71
Red Bank Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Reynolds, Snaveley & Dobrowski	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Roper, Guy & Rodnok, George	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Schreengost, R. W.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4
Shearer, James I.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	24





TABLE #4  
SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS  
JANUARY - DECEMBER, 1968

COMPANY	Armstrong	Beaver	Clarion	Crawford	Elk	Etie	Forest	Jefferson	Lawrence	Luzerne	McKean	Monroe	Potter	Venango	Warren	Washington	TOTAL
Welco, Incorporated (Warren E. Lettoman)	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Wharten, C. C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Woldeck, Lester E.	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	5
Wolfe, J. J.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Woods, A. D.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Worldwide Petroleum Corporation	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
TOTAL	3	1	3	9	11	8	30	6	1	2	202	1	29	76	315	1	698

TABLE #5  
SUMMARY BY COUNTIES  
TYPE OF WELLS REPORTED DRILLED  
JANUARY - DECEMBER, 1968

County	Total Wells Drilled	Gas	Gas & Oil	Oil	Storage	Intake	Dry	Waste Disposal	Salt Water & Other	Test
Allegheny	11	8	-	1	1	-	1	-	-	-
Armstrong	47	39	-	-	-	-	8	-	-	-
Beaver	1	-	1	-	-	-	-	-	-	-
Butler	7	1	-	2	-	-	4	-	-	-
Cambria	4	3	-	-	-	-	1	-	-	-
Center	1	-	-	-	-	-	1	-	-	-
Clarion	14	9	1	2	-	-	2	-	-	-
Clearfield	2	2	-	-	-	-	-	-	-	-
Crawford	11	10	-	1	-	-	-	-	-	-
Elk	13	3	-	6	-	-	4	-	-	-
Erie	8	3	-	-	-	-	4	1	-	-
Fayette	3	1	-	-	-	-	2	-	-	-
Forest	31	-	1	26	-	-	4	-	-	-
Greene	1	-	-	-	-	-	1	-	-	-
Indiana	139	130	-	-	1	-	8	-	-	-
Jefferson	61	57	-	1	-	-	3	-	-	-
Lawrence	1	-	1	-	-	-	-	-	-	-
Luzerne	2	-	-	-	-	-	2	-	-	-
McKean	233	6	9	125	-	86	7	-	-	-
Mercer	1	-	-	-	-	-	1	-	-	-
Montour	1	-	-	-	-	-	1	-	-	-
Potter	29	-	-	3	22	3	1	-	-	-
Somerset	1	1	-	-	-	-	-	-	-	-
Venango	93	1	-	90	-	1	1	-	-	-
Warren	303	-	15	266	-	15	7	-	-	-
Washington	2	1	-	1	-	-	-	-	-	-
Westmoreland	25	20	-	-	-	-	5	-	-	-
TOTAL	1045	295	28	524	24	105	68	1	-	-

## SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED

JANUARY - DECEMBER, 1968

[illegible]

TABLE #6

## SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED

JANUARY - DECEMBER, 1968

COMPANY	Allegheny	Armstrong	Beaver	Bedford	Butler	Cambria	Cameron	Centre	Clarion	Clearfield	Crawford	Elk	Erie	Fayette	Forest	Greene	Indiana	Jefferson	Lawrence	Luzerne	McKean	Mercer	Monroe	Potter	Venango	Warren	Washington	Westmoreland	TOTAL
Elder and Company, S. H.	1	1																			8								8
Equitable Gas Company																													3
Erie, City of Redevelopment Authority													3			1				1									3
Farmers Gas & Oil, Incorporated																						1							2
Felmont Oil Corporation				1																									1
Perrier, William																													1
Fisher, Isaac M.																													2
Fisher, Isaac M.	1																												1
(Contr. Penna. Dep't of Highways)																													
Flanagan Brothers													1																1
Flanagan Brothers & Pennsylvania Gas Co.													1																1
Franklin, City of Redevelopment Authority																									1				1
Frederick, Don C.																										3			3
Grant Grim Drilling Company															1														1
Grim, R. O.															2														2
Hanley and Bird												1																	1
Herzog, Richard B.																													1
Hilty & Richards Drilling Company																				24									24
Hungzville, R. E. & Satterwhite, H. A.																					1						1		1
Huntington, Harold																										1			1
J. and J. Enterprises, Incorporated																	1	1											2
Jack Drilling Company, S. W.										1																			1
James Drilling Corporation																													1
Kane Area School Board Authority																													1
Kendall Refining Company																					1								1
																					46								46



TABLE #6

## SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED

JANUARY - DECEMBER, 1968

COMPANY	Allegheny	Armstrong	Beaver	Bedford	Butler	Cambria	Cameron	Centre	Clarion	Clearfield	Crawford	Elk	Erie	Fayette	Forest	Greene	Indiana	Jefferson	Lawrence	Luzerne	McKean	Mercer	Monroe	Potter	Venango	Warren	Washington	Westmoreland	TOTAL
Pennsylvania Gas Company	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	31	-	-	-	-	11	-	-	45
Pennsnyrd Petroleum, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Pennzoil United, Incorporated	-	-	-	-	1	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	96	-	-	-	1	-	-	-	99
Pennzoil United, Incorporated (Fmly. South Penn Oil Company)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	36	
Peoples Natural Gas Company, The	-	9	-	-	1	-	-	-	2	-	-	-	-	-	-	1	5	-	-	-	-	47	-	-	-	-	-	20	85
Perry, Helen	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Phillips, Agent, Harry F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	5	-	-	-	-	-	-	-	-	-	1	1
Phillips Gas & Oil Company, T. W.	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	19
PPG Industries, Incorporated	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5
Preston Oil Company, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
Pure Carbon Company	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Quaker State Oil Refining Corporation	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	241	-	-	319	
Richards Drilling Company	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1
Richards, Joseph L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Shelcocks Oil & Gas Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Sipe Brothers & Company	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Slate Construction Company	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
Snee, William E. & Eberly, Orville and The Peoples Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Snyder Oil & Gas Company	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1
Stevenson Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1
Sugar Grove Oil Company	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Sylvania Corporation, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Taurus Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1





TABLE #6

## SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED

JANUARY - DECEMBER, 1968

COMPANY	Allegheny	Armstrong	Beaver	Bedford	Butler	Cambria	Cameron	Centre	Clarion	Clearfield	Clinton	Crawford	Elk	Erie	Fayette	Forest	Greene	Indiana	Jefferson	Lafayette	Luzerne	McKean	Mercer	Monroe	Potter	Venango	Warren	Washington	Westmoreland	TOTAL
Wible, W. Paull and Agnes A.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Widenhofer, Leroy	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wise, Albert L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Witco Chemical Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Kendall Refining Company Division	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176	-	-	-	-	-	-	-	176
Zippo Manufacturing Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
TOTAL	15	38	1	5	23	1	1	1	18	10	4	2	7	15	5	11	17	14	58	3	1	551	47	1	23	44	284	19	27	1246



TABLE #7

## SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED

JANUARY - DECEMBER, 1968

COMPANY	Allegheny	Armstrong	Beaver	Bedford	Blair	Butler	Cambria	Centre	Clarion	Clearfield	Clinton	Crawford	Elk	Erie	Fayette	Forest	Greene	Indiana	Jefferson	Lawrence	Luzerne	McKean	Mercer	Monroe	Potter	Venango	Warren	Washington	Westmoreland	TOTAL
Felmont Oil Corporation	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Fisher, Isaac M.	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Flanigan Brothers	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Flanigan Brothers and Pennsylvania Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Franklin, City of Redevelopment Authority	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	1
Frederick, Don C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Grant Grim Drilling Company	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Grim, R. O.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Hanley and Bird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hilly & Richards Drilling Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Holidaysburg Oil & Gas Company, Inc.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hungtville R. E. and Satterwhite, H. A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Huntington, Harold	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
J. and J. Enterprises, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Kane Area School Board Authority	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-	1
Keweenaw Oil Company	1	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42
Leidecker Brothers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Lenco Drilling Company	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Lim, Earl H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Manufacturers Light & Heat Co., The	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Machuda Company, Inc., Frank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	4	-	-	10
Mayes, James A.	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Mid-East Oil Company	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	4
Murray, George W.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
North Penn Gas Company	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	7



TABLE #7

## SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED

JANUARY - DECEMBER, 1968

COMPANY	Allegheny	Armstrong	Beaver	Bedford	Blair	Butler	Cambria	Centre	Clarion	Clearfield	Clinton	Crawford	Elk	Erie	Fayette	Forest	Greene	Indiana	Jefferson	Lawrence	Luzerne	McKean	Mercer	Monroe	Potter	Venango	Warren	Washington	Westmoreland	TOTAL
Sugar Grove Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Sylvania Corporation, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	1
Union Drilling, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	18
United Natural Gas Company	-	6	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	1	-	-	-	-	26
United Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
(Jefferson County Gas Company)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
United States Army Engineering Corp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
(Allegheny Reservoir Plugging)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Universal-Cyclops Specialty	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Steel Division	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Venango County Area Vocational	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3
Technical School	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Vesells, H. M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2
Vinopal, Howard R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Warren County School District	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6
(Fmly. Pennzoll Co.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	6
Waverly Oil Works Company, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Weaver, K. W.	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Weaver, Kenneth W.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Weaver Oil & Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Weaver Oil & Gas Corporation, etal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Weaver Oil & Gas Corporation, etal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Weaver Oil & Gas Corporation and	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
United States Natural Gas Corp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
White Springs Farm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
(Alfred G. Lewis, Jr., Agent)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE #7  
SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED  
JANUARY - DECEMBER, 1968

COMPANY	Allegheny	Armstrong	Beaver	Bedford	Blair	Butler	Cambria	Centre	Clarion	Clearfield	Clinton	Crawford	Elk	Frye	Payette	Forest	Greene	Indiana	Jefferson	Lawrence	Luzerne	McKean	Mercer	Monroe	Potter	Venango	Warren	Washington	Westmoreland	TOTAL
Wible, W. Paull and Agnes A.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Widenhofer, Leroy	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-	-	-	-	-	1
Witco Chemical Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43
Kendall Refining Company Division	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	17	29	1	5	1	17	1	1	17	10	3	2	3	7	5	6	22	14	50	3	1	123	45	1	9	14	35	19	24	485

TABLE # 8

## SUMMARY BY COUNTIES AND COMPANIES OF PILLAR PERMITS ISSUED

JANUARY - DECEMBER, 1968

TOTAL	Allegheny	Armstrong	Butler	Clearfield	Greene	Indiana	Jefferson	Washington	Westmoreland	TOTAL
Allegheny River Mining Company	-	2	-	-	-	-	-	-	-	2
Bethlehem Mines Corporation	-	-	-	-	5	-	-	5	-	10
Canterbury Coal Company	-	1	-	-	-	-	-	-	-	1
Dorchem Pennsylvania, Inc.	-	-	2	-	-	-	-	-	-	2
Freedom Mining Company, Inc.	-	-	-	-	-	1	-	-	-	1
Gateway Coal Company	-	-	-	-	3	-	-	-	-	3
Glen Irvan Corporation	-	-	-	4	-	-	-	-	-	4
Gugliotta, Herman (Paw - Paw Fuel Inc.)	-	-	-	-	1	-	-	-	-	1
Harmar Coal Company	4	-	-	-	-	-	-	-	-	4
Jones & Laughlin Steel Corporation	-	-	-	-	2	-	-	4	-	6
Leasure Coal Company	-	-	-	-	-	1	-	-	-	1
Leechburg Mining Company	-	2	-	-	-	-	-	-	-	2
Markle - Bullers Coal Company	-	-	-	-	-	-	1	-	-	1
Mathies Coal Company	-	-	-	-	-	-	-	5	-	5
North American Coal Corp., The	-	-	-	-	-	1	-	-	-	1
Pittsburgh Coal Company	14	-	-	-	-	-	-	9	-	23
Republic Steel Corporation	24	-	17	-	5	-	-	-	2	48
Rochester & Pittsburgh Coal Company	8	23	-	-	-	1	-	-	-	32
Union Carbide Corporation	-	-	5	-	-	-	-	-	-	5
United States Steel Corporation	-	-	-	-	17	-	-	6	-	23
TOTAL	50	28	24	4	33	4	1	29	2	175





# **DIRECTORY**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

EXECUTIVE OFFICE

			<u>Zip Code</u>	<u>Area Code</u>	<u>Phone No.</u>
Dr. H. Beecher Charnbury Secretary	Towne House Apt. 660 Boas Street	Harrisburg	17102	717	787-4686 787-4687 787-4688 237-4726
	Home: 222 East Irvin Avenue	State College	16801	814	
Mrs. M. B. Outshall Ex. Deputy Secretary	Towne House Apt.	Harrisburg	17102	717	787-4686 787-4687 787-4688
	Home: 2958 Lincoln Street	Camp Hill	17011	717	737-9895
Leon Ehrlich Deputy Atty Gen'l	Towne House Apt. Office: 146 N. Sixth Street Home: 1114 Reading Blvd.	Harrisburg Reading Wyomissing	17102 19601 19610	717 215 215	787-5054 376-1525 372-1414
Robert Lesko Deputy Atty Gen'l	Towne House Apt. Home: 18 Pheasant Court, Wesley Park Apt.	Harrisburg Mechanicsburg	17102 17055	717	787-1015 766-0518
J. Wes Blakely Infor. Specialist	Towne House Apt. Home: 580 Rupley Road	Harrisburg Camp Hill	17102 17011	717	787-4617 232-0330
Jos. Unitis, Director Administrative Serv.	Towne House Apt. Home: 1517 Key Street	Harrisburg Harrisburg	17102 17109	717	787-5485 545-1923
David B. Black Personnel Supervisor	Towne House Apt.	Harrisburg	17102	717	787-3197
Nick Laukaitis Procurement Officer	Towne House Apt.	Harrisburg	17102	717	787-2471
Edward Durkin, Comptroller	Towne House Apt.	Harrisburg	17102	717	787-5953
Catherine Miles Statistical Supervisor	Towne House Apt.	Harrisburg	17102	717	787-4876
Melvin R. Littles, Chief Office Serv. & Automotive Bureau	Towne House Apt.	Harrisburg	17102	717	787-7136 787-7613

BUREAU OF RESEARCH AND DEVELOPMENT

Dr. David R. Maneval Director	Towne House Apt. Home: 1867 North Oak Lane	Harrisburg State College	17102 16801	717 814	787-5104 238-0977
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APPALACHIA PROGRAM

Carl Peterson Director	Towne House Apt. Home: 153 West Maple Avenue	Harrisburg Hershey	17102 17033	717 717	787-4345 533-9037
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COAL MINE SUBSIDENCE INSURANCE FUND

Anthony P. Mazza Director	Towne House Apt. Home: 3131 Penbrook Avenue	Harrisburg Harrisburg	17102 17109	717 717	787-5565 545-3294
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BUREAU OF COAL LAND IMPROVEMENT

Robert C. Thompson Director	Towne House Apt. Home: 123 State Street	Harrisburg Harrisburg	17102 17101	717 717	787-4321 238-3491
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BUREAU OF LAND & WATER CONSERVATION & RECLAMATION

Wilmer W. Waterhouse Director	Towne House Apt. Home: 4200 Ridge Dr., Colonial Pk.	Harrisburg Harrisburg	17102 17109	717 717	787-7820 545-5346
Connie J. Goetz Ass't Director	Towne House Apt. Home: 514 Eutaw Avenue	Harrisburg New Cumberland	17102 17070	717 717	787-7816 774-2622

OIL AND GAS CONSERVATION COMMISSION

R. J. Hartman, Secretary	1708 Benedum Trees Bldg.	Pittsburgh	15222	412	565-5392
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OIL AND GAS DIVISION

W. Roy Cunningham	1205 State Office Bldg.	Pittsburgh	15222	412	565-5075
Deputy Secretary	Home: 919 Harlan Avenue	Johnstown	15905	814	299-2812

Oil and Gas InspectorsDis-  
trict

1	Chas. C. Songer	P. O. Box 277	Pittsfield	16340	814	563-7853
2	Howard W. Martin	321 N. Eighth Street	Indiana	15701	412	463-0590
3	Chas. E. Baldwin	P. O. Box 26	Washington	15301	412	222-3295
4	Wm. J. Burns, Jr.	335 N. Barnett Street	Brookville	15825	814	849-2445
5	Chas. F. Straub	408 N. Main St., Box 141	Coudersport	16915	814	274-8840
6	Richard F. Walther	630 Southview Drive	Pittsburgh	15226	412	563-3656
7	Leon W. Goble	P. O. Box 469	Grove City	16127	412	458-6661
8	Wm. E. Sleeman	21 Van-Ettan Avenue	Sheffield	16347	814	968-3753

Petroleum Engineers

Bruce E. Ziegler	R. D. 1	Tidioute	16351	814	484-3483
Chas. H. Updegraff	Port Allegany Road	Coudersport	16915	814	274-9196

ANTHRACITE DIVISION

Gordon E. Smith	Motor Contracts Corp.Bldg.				
Deputy Secretary	Rm. 2A - 108 S. Claude A.	Pottsville	17901	717	622-1110
	Lord Boulevard				
	Home: 161 Avenue "C"	Schuylkill Haven	17972	717	385-0023
G. R. Sterling, Chief Insp.	Motor Contracts Corp.Bldg.	Pottsville	17901	717	622-1110
Underground Mines	Home: Community Square	Buck Run	17926	717	544-5262
Rodger J. Howell, Director	90 East Union Street	Wilkes-Barre	18701	717	825-7511
Bureau of Engineering					Ext. 333
	Home: 417 West Atherton Avenue	Taylor	18517	717	562-1660
Roy Unger, Office Manager	Motor Contracts Corp.Bldg.	Pottsville	17901	717	622-1110
Pottsville					
John Harris, Office Manager	90 East Union Street	Wilkes-Barre	18701	717	825-7511
Wilkes-Barre					Ext. 333

ANTHRACITE CONSERVATION AND RECLAMATION

Wesley I. Stonebraker	Motor Contracts Corp.Bldg.	Pottsville	17901	717	622-1110
Director	Home: 3117 Yale Avenue	Camp Hill	17011	717	761-1751

COAL MINE SUBSIDENCE INSURANCE FUND

Harold Alleman, Manager	90 East Union Street	Wilkes-Barre	18701	717	825-7511
					Ext. 336

ANTHRACITE MINE INSPECTORSDis-  
trict

1 T. M. Beaney*	366 Monument Avenue	Wyoming	18644	717	693-0222
2 A. J. Latz*	9 West Phillips Street	Coaldale	18218	717	645-5727
3 J. R. Ruane*	928 North Washington St.	Shamokin	17872	717	648-0262
4 Walter Davis*	1900 West End Avenue	Pottsville	17901	717	622-4107
5 W. A. Sanders	R. D. 2	Dalton	18414	717	563-1945
6 A. A. Joyce	Hill Crest Manor	Elysburg	17824	717	672-2490
7 P. P. Hino	108 East Mahanoy Street	Mahanoy City	17948	717	773-3694
8 A. E. Hand		Hegins	17938	717	682-3284
9 G. P. Gallagher	103 East Arch Street	Shamokin	17872	717	648-3887
10 Leon Brass	107 South Walnut Street	Mt. Carmel	17851	717	339-4152
11 C. E. Kashner	904 West Spruce Street	Shamokin	17872	717	648-3792
12 J. J. Shober, Jr.	R. D. 1, Lake Hauto	Nesquehoning	18240	717	645-3311
13 C. E. Miller, Acting					
14 W. D. Maurer	25 Vaux Avenue	Tremont	17981	717	695-3672
15 F. C. O'Connor	R. D. 2, Box 370	Pottsville	17901	717	544-2573
16 C. E. Miller	Wiconisco Street	Muir	15957	717	647-9239

\* Strip Mine Inspectors

Inspectors In Charge Of Projects

W. R. Devens	38 Butler Street	Forty Fort	18704	717	287-4576
G. F. Kettle	1318 Wyoming Avenue	Forty Fort	18704	717	288-6351

ANTHRACITE ELECTRICAL INSPECTORS

Michael J. Polinko	1211 Chestnut Street	Kulpmont	17834	717	373-9449
Donald Sandherr	402 Fleet Street	Pottsville	17901	717	622-4955
William Buggy	246 West Spruce Street	Shamokin	17872	717	648-0356

ANTHRACITE WASTE DISPOSAL INVESTIGATORS

John H. Bowman	1715 North Vine Street	Berwick	18603	717	752-3884
John J. Lavix	44 Union Street	Hudson	18705	717	823-4407
Albert Lipperini	117 Parsonage Street	Pittston	18640	717	654-6163
Benjamin Boltz	1968 Mahantango Street	Pottsville	17901	717	622-5600

ANTHRACITE MINE RESCUE & FIRST AID

Charles W. Jones	231 West Main Street	Girardville	17935	717	276-6353
Stephen Matsick	617 East Patterson Street	Lansford	18232	717	645-4256

## COMMONWEALTH OF PENNSYLVANIA

## DEPARTMENT OF MINES AND MINERAL INDUSTRIES

## ANTHRACITE OPERATORS--YEAR 1968

Dis- trict	Operator	General Manager	Address	Zip Code
12	A. & D. Coal Co. DM	A. Androkitis	310 Elizabeth St.	Tamaqua 18252
8	A. D. G. Coal Co. DM	Joseph Alemeda	P. O. Box 293	Mt. Carmel 17851
16	A. & P. Coal Co. DM	Joseph Reho	130 W. Broad St.	Williamstown 17098
5	Ace Anthracite, Inc. bk CP	John Santioni	419 Center St.	Taylor 18517
5	Ace Coal Co. B	L. Simoncelli	300 Main St.	Peckville 18452
11	Ace Coal Sales BP	Walter Mudry	1349 Chestnut St.	Kulpmont 17834
16	Acme Coal Co. DM	Michael Suchar	130 W. Broad St.	Williamstown 17098
10	Alarcon Coal Co. DM	Frank Alarcon	402 Melrose St.	Keiser 17832
7	Alessi Coal Co. DM	Natale Alessi	722 E. Railroad St.	Mahanoy City 17948
9	Al-Mar Coal Co. DM	Albert Deitz	436 W. Third St.	Mt. Carmel 17851
5	American Silt Processing Co., Inc. W	Peter Brojack	Railroad Street	Archbald 18403
7	Archer Coal Co. bk B	G. M. Seiler	109 E. First St.	Hazleton 18201
9	Ashland Community Enterprises DM	Eril R. Emmert	702 Centre St.	Ashland 17921
10	B. & B. Coal Co. DM	Frank Barella	540 West Third St.	Mt. Carmel 17851
9	B. & B. Coal Co. DM	N. Anascavage	934 Tharp Street	Shamokin 17872
9	B. & B. Coal Co. DM	Amil Bielarski	37 Big Mine Run	Ashland 17921
14	B. & C. Coal Co. DM	Willard Clark	R. D. 1	Hegins 17938
7	B-D Mining Co. W bk	G. C. Hower		Gilberton 17934
11	B. & E. Coal Co. DM	David Ernest	643 Center St.	Shamokin 17872
15	B. & H. Coal Co. DM	Eugene Hawk	R. D. 3	Pine Grove 17963
16	B. & M. Coal Co. DM	Wayne Moyer		Valley View 17983
12	B. & N. Coal Co. BP	Daniel Koury	1038 Laurel St.	Pottsville 18452
16	B. & P. Coal Co. DM	John Perhach	W. Market St.	Williamstown 17098
9	B. & S. Coal Co. DM	B. Blascovich	R.D. 1, Box 208-A	Shamokin 17872
11	Bank Coal Co., Inc. DM	Edward Norcavage	P. O. Box 164	Mt. Carmel 17851
11	Bar-Mac Coal Co., Inc. BP	David Wenrich	R.D. 1, Box 335-A	Paxinos 17860
6	Bartoli Construction Co. bk	Eugene Bartoli	559 E. Northampton	Wilkes-Barre 18702
4	Bell Coal Co. S	A. Kovalchick	P. O. Box 251	Brocton 17925
10	Bell Coal Co. DM	G. Feaster, Jr.	551 Market Street	Trevorton 17881
4-12	Bernitsky Brothers Coal Co. S DM	Albert Bernitsky	17 Water Street	New Phila. 17959
12	Bernitsky & Stenulis Part. DM	G. Stenulis	17 Water Street	New Phila. 17959
13	Big Hill Coal Co. DM	Joseph Zukowski	P. O.	Minersville 17954
7	Blaschak Coal Co., Inc. B DM	Edward Razzis	St. Nicholas	Mahanoy City 17948
1	Bliss Coal Co. CP S	Carl Bliss	P. O. Box 158	Milred 18632
4-13-15	BlueBell Enterprises, Inc. S B	J. W. Butcavage	720 Lytle Street	Minersville 17954
1-5-6	Blue Coal Corporation S bk B DM	Darius H. Thomas	101 S. Main St.	Ashley 18706
13	Bosack Coal Co. DM	Frank Bosack, Jr.	R.D. 2, Box 788	Pottsville 17901
8	Botello Coal Co., James DM	J. J. Botello	117 Williams St.	Girardville 17935
4-8-9	Bridy, Inc. S bk DM	Edward A. Bridy	237 W. Girard St.	Atlas 17811
2-7	Brook Contracting Corp. S bk	C. E. Wenzner	127 W. Noble St.	Hazleton 18201
12	Bubel Mining Co., Inc. DM	Michael Bubel	P. O. Box 129	Brocton 17925
3-15	Buck Coal Co. S DM	Frederick Lucas	309 W. Main St.	Tremont 17981
7	Buckley Coal Corp. BP	Norman James	Main Street	Ringtown 17967
8	Burnrite Coal Co. DM	Joseph Zukus	557 W. Girard St.	Atlas 17811
11-15	Bush Coal Co. DM	Earl Bush	1404 E. Grand Ave.	Tower City 17980
5	C.B.M. Coal Co. bk	Eugene Bartoli	559 E. Northampton	Wilkes-Barre 18702
13	C.L.M. Partnership bk	J. Lazarcheck	R. D. 1, Box 72	Pottsville 17901
4-13	C.L.S. Coal Co. S bk B	D. Roderick	Box 396	Branch Dale 18201
8-9	C. & P. Coal Co. DM	Robert Pittello	201 S. Vine St.	Mt. Carmel 17851
1	C. & S. Excavating Co. S	Peter Corazzi	101 E. Drinker St.	Dumore 18512
7	Capparell Coal Co., Inc. B	Martin Capparell	136 E. 5th Street	Hazleton 18201
3-7	Capparell Strip & Const. Co. bk S	Martin Capparell	136 E. 5th Street	Hazleton 18201
1	Carbondale Coal Co. S CP	J. J. Gillen	78 Cottage Street	Carbondale 18407
12	Cass Contracting Co. BP	F. J. Ryan	R. D. 2	Pottsville 17901
11	Chestnut Coal Co. DM	Stephen Shingara	R. D. 3	Sunbury 17801
15	Cyke Coal Co. DM	Charles Cyke	S.R. Box 54	Tremont 17981
6	Ciarofoni Coal Co., Inc. DM	Albert Ciarofoni	580 Market Street	Kingston 18703
15	Clark Coal Co. DM	Clark Maurer, Jr.		Hegins 17978
10	Clay Coal Co. DM	Ellsworth Libby	690 Bear Valley Av.	Shamokin 17872
5	Coalbrook Iron & Metals bk	John C. Bauman	P. O. Box 505	Carbondale 18407
1	Coalbrook Sales Co., Inc. S	John C. Bauman	P. O. Box 505	Carbondale 18407

Dis- trict	Operator	General Manager	Address	Zip Code
7	Colley Coal Co., Inc. B bk	G. C. Hower	Gilberton	17934
14	Colket Coal Co. DM	John Messaros	Branch Dale	17923
4	Connors, Paul J. S	Paul J. Connors	P. O. Box 173	Pottsville 17901
3	Corynham Contracting Co. S	Wm. J. Farley	P. O. Box 173	Ashland 17921
12	Corraeale Construction Co. bk	G. M. Seiler	109 E. First St.	Hazleton 18201
13	Coxe Coal Co. DM	Norman Essler	804 W. Market St.	Pottsville 17901
4	D. & F. Coal Co. S	F. G. Roehrig	204 North Street	Minersville 17954
12	D. H. M. & C. Coal Co. DM	Harry David	R. D. 1	Schuylkill Ha. 17972
11	D. H. & W. Coal Co. DM	Victor Delorso	P. O. Box 70-A	Paxinos 17860
11	D. & M. Coal Co. DM	John McAnnaney	P. O. Box 112	Gowen City 17828
16	D. & R. Coal Co. DM	Robert Rhen	R. D. 3	Pine Grove 17938
8	D. R. Z. Coal Co. DM	Dominick Fernandez	112 Melrose St.	Keiser 17832
10	D. & S. Coal Co. DM	Daniel Fedako	1915 Race Street	Ashland 17921
3-11	D. & Z. Coal Co. BP S	Stanley Diminick	P. O. Box 307	Shamokin 17872
13	Dando Coal Co., F. P. DM	F. P. Dando	R. D. 3, Box 583	Pottsville 17901
4	Dando & Troup Coal Co. S	David J. Dando	117 S. Second St.	Minersville 17954
12	David Coal Co. DM	Harry David	R. D. 1	Schuylkill Ha. 17972
5	DeAngelis, Inc. BP	John C. Baumann	South Church St.	Carbondale 18407
13	Dembinsky Coal Co. DM	Nicholas Dembinsky	505½ Pottsville St.	Minersville 17954
7	DiCasimiro Contracting Co. bk	Felix DiCasimiro	92 Main Street	Morea Colliery 17955
11	Diminick Coal Sales BP	Edward J. Muelo	P. O. Box 132	Paxinos 17860
13	DiRenzo Coal Co. BP	Dominick DiRenzo	R. D. 2, Box 752	Pottsville 17901
11	Dugan Coal Co. DM	Jos. Leschinski	456 S. Pearl St.	Shamokin 17872
10	Duke Associates DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
10	Duke Mining Co. DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
5	Duryea Coal Sales Co., Inc. BP	Arthur Tambur	P. O. Box 36	Duryea 18643
8	Dyszel Coal Co. DM	Steve Dyszel	104 N. 3rd St.	Girardville 17935
1	E. & B. Coal Sales S CP	Edwin Booth	P. O. Box 206	Mildred 18632
1	Empire Contracting Co. S	Michael R. Naples	Orchard Street	Old Forge 18518
9	Ennis Coal Co. DM	William Ennis	7 W. Centré St.	Ashland 17921
10	Erdman Coal Co. DM	Jay Erdman		Valley View 17983
7	F. & M. Coal Co. bk	Daniel Moroz	6 N. 7th Street	Shamokin 17872
12	Farace Coal Co., Inc., J.J. bk	Joseph Farace, Jr.	151 Wilson Drive	Hazleton 18201
14	Farley Coal Co. DM	J. Norbert Farley	R. D. 1	Pottsville 17901
12	Faust Coal Co. DM	Charles Faust	R. D. 3	Pine Grove 17963
12	Film Coal Co., Inc. BP bk	G. M. Seiler	109 East 1st St.	Hazleton 17953
15-15	Fireside Mining Co., Inc. DM	James Schoffstall	281 S. Main St.	Pine Grove 17963
3	Folger & Chapleski S	Leonard Chapleski	P. O. Box 5	Ranshaw 17866
7	Forgotch Brothers Coal Co. DM	Vincent Forgotch	522 W. Mahanoy Ave.	Mahanoy City 17948
7	Forsum Coal Co., Inc. DM	Joseph Sluck	P. O. Box 395	Gilberton 17934
10	Four Partners Coal Co. DM	John Vrona	814 E. Sunbury St.	Shamokin 17872
14	Franklin Coal Co. BP	Franklin Miller		Ravine 17966
16	Fronk Coal Co., George B	George Fronk		Valley View 17983
8	G. & B. Coal Co. DM	Thomas Gaughan	58 Oakland Ave.	Ashland 17921
16	G. & K. Coal Co. DM	Joseph Garber	243 E. Broad St.	Williamstown 17098
5	G.M.C. Energy Fuels CP	Anthony Giarrotano	P. O. Box 702	Pittston 18640
9	G.M.P. Coal Co. DM bk	Albert Geslock	501 East 7th St.	Mt. Carmel 17851
8-9-16	Gangloff Borthers bk	Gene B. Gangloff	R. D. 1	New Ringgold 17960
12	Garber, Paul DM	Paul Garber	R. D. 1	Barnesville 18214
11	Gem Coal Co. DM	Clifford Artman	R. D. 1, Box 71-A	Shamokin 17872
7	Generose Coal Co., J. bk	James Generose, Jr.	306 Main Street	Lattimer 18234
15	Gerber Coal Co. DM	Richard Gerber	R. D. 2	Valley View 17983
12	Ginther Coal Co. W bk	David Bresseler	P. O. Box 219	Hazleton 18201
5	Giovannini, Joseph bk	Joseph Giovannini	223 Sanovia St.	Exeter 17643
3	Glenn Brass Coal Co. S	Glenn Brass	129 West Avenue	Mt. Carmel 17851
10	Glen Burn Colliery, Inc. BP bk	Edward Holfrick	P. O. Box F	Shamokin 17872
1-6	Glen-Nan Coal Co., Inc. S DM	G. H. Kiensle	St. Mary's Road	Wilkes-Barre 18702
13	Glenn Worth Coal Co. BP	Carl H. Hoke	2204 W. Market St.	Pottsville 17901
3-11	Glosek Bros. Coal Sales, Inc. S BP	Roman Glosek	1310 W. Holly St.	Shamokin 17872
6	Glyon Coal, Inc. DM	Albert Ciarafoni	580 Market Street	Kingston 18703
15	Good Spring Coal Co. DM	Catherine Lucas	309 W. Main Street	Tremont 17981
12	Gorenty Coal Co. S BP	Earl Gorenty	Walnut Street	Middleport 17953
2-7	Gowen Coal Co. S B BP	Elmer Roth		Fern Glenn 18244
11	Grego & Deitz Coal Co. DM	Stanley Grego	836 W. Spruce St.	Shamokin 17872
12	Greenwood Mining Co. B	Joseph Fauzio	P. O. Box 269	Tamaqua 18252
2	Greenwood Stripping Corp. S	Joseph Fauzio		Nesquehoning 18240
12	Grove Coal Co. bk	Frank J. Ryan	200 Mahantago St.	Pottsville 17901
11	Gudelunas Coal Co. DM	Frank Gudelunas	27 So. Spruce St.	Mt. Carmel 17851
4	H. & H., Inc. S	Howard Hoffman	2136 West End Ave.	Pottsville 17901
11	H. J. & H. Coal Co., Inc. BP DM	Harry D. Reitz	R. D. 1	Milton 17847

Dis- trict	Operator	General Manager	Address	Zip Code
10-14	H. & S. Coal Co. DM	Dale Herb	Donaldson	17981
13	Haas Coal Co. DM	Lester Haas	Pitman	17964
8	Hanks Coal Co. DM	Henry Szymanski	544 W. Third St. Mt. Carmel	17851
7-8	Hard Top Coal Co., Inc. DM bk	Joseph Sluck	P. O. Box 395	17934
16	Harman Coal Co. DM	Clair Harman	Valley View	17983
15	Harner Coal Co. DM	Roy E. Harner	Spring Glen	17978
15	Harner Coal Co. DM	Junior Harner	Spring Glen	17978
16	Harner Coal Co., Inc. DM	Alfred Hatter	Valley View	17983
14-16	Hatter Coal Co. DM	Jacque Hatter	Hegins	17938
5	Heapps, William bk	William Heapps	R. D. 1	18640
13	Hegins Mining Co. DM	Wm. E. Carl, Jr.	Zerbe	17981
15	Herb & Reed Coal Co. DM	Harry L. Reed	1 N. Hand St.	17980
14	Herring Brothers Coal Co. DM	Lester L. Herring	R. D. 2	17963
15	Hi-Test Coal Co. DM	Kenneth Curran	Goodspring 3	17980
2-7	Honeybrook Mines, Inc. S B	G. M. Seiler	109 E. 1st St.	18201
11	Hoover Mining Co., Inc. BP	George Hoover	118 N. Sixth St.	17801
16	Hornberger Coal Co. BP	Charles Hornberger	R.D.1, Box 300	17921
3	Howells & Olaf Stripping Co. S	Stanley Olaf	Stanley Olaf	17834
2-7	Huss, George W bk S	George Huss	W. Main Street	17967
13-14-15	Industrial Coal Sales Co. BP bk	Robert Doebler	Donaldson	17981
15-16	J. & C. Coal Co., Inc. DM	Jos. Walacavage	R.D.1, Box 548	17901
12	J. & E. Coal Co. BP	Edward P. Patrick	R. D. 3	18252
2-7	Jeddo-Highland Coal Co. B bk S	Frank Moran	800 Exeter Ave.	18643
3	Jet Coal Co. S	John Menapace	P. O. Box 443	17851
8	K. & C. Coal Co. DM	Charles Cress	18 E. Mahanoy	17935
11	K. & D. Coal Co. BP	Alvin Kopenhaver	Box 316-A, R.D.2	17872
3-8	K. & J. Coal Co. S bk	Leon Jurgill	709 N. Paxton	17927
4	K. & K. Coal Co. S	Bernard Kuperavage	133 Valley Furnace Port Carbon	17965
10	K. & K. Coal Co. DM	John Kastroba	R.D. 2 Coal Run	17872
10	K. K. & E. Coal Co. DM	Robert Kabonick	821 W. Mulberry	17872
8	K. & M. Coal Co. bk	Joseph Moroz	P. O. Box 454	17851
13	K. & M. Coal Co. DM	Con Kulpacavage	R.D. 2, Box 567	17901
12	K. M. & F. Coal Service BP	Howard Fees	Washington St.	17953
13	K. & P. Coal Co. BP	Edward Padinske	P. O. Box 296	17954
13	K. S. & F. Coal Co. DM	Melvin Kroh	R. D. 2	17938
7	Kassa Coal Co. DM	Nicholas Kassa	322 Simpson St.	18641
15	Keffers Coal Co. DM	Robert Barder	Valley View	17983
13	Keim Coal Co. bk	Ralph Keim	R. D. 1	17980
9	Kerrigan Coal Co., Paul W bk	Paul Kerrigan	R.D.1, Box 435	17921
3	Kerris & Helfrick, Inc. S	Edward Helfrick	Lehigh & Poplar	17851
16	Kintzel Brothers Coal Co. DM	Nathan Kintzel	R. D. 2	17938
12	Klimas Coal Co. DM	Albert Klimas	31 Clay Street	17959
13	Klinger Coal Co. DM	Earl Klinger	R. D. 2	17938
15	Knorr Coal Co. DM	Leroy Knorr, Sr.	Hegins	17938
13	Koch Coal Co. DM	Floyd Koch	R. D. 2	17972
4-15-16	Kocher Coal Co., Inc. BP S DM	Leon E. Kocher	P. O. Box 127	17983
16	Koppenhaver Coal Co. DM	Howard Koppenhaver	203 Laurel St.	17981
4	Koury Coal Co. S	Daniel M. Koury	1038 Laurel St.	17901
4	Krell, Philip S	Philip Krell	R. D. 3	18252
12	Kristoff Coal Co. DM	John Kristoff	Brockton	17925
16	Kroh Coal Co. DM	Mark Kroh	Good Spring	17981
14	L.E.H. Mining Co. DM	Howard Renninger	111 High Street	17963
6	L.J.B., Inc. bk	Gelso Biscontini	St. Marys Road	18702
10-11	L. & M. Coal Co. DM	Lambert Reber	R. D. 2	17872
15	L.M.S. Coal Co. DM	Daniel Shade	Valley View	17983
5	Laflin Heights Coal Co. bk	Louis Falzone	540 Wyoming Av.	18644
16	Lahr Coal Co. DM	Marlin Lahr	Mountainside	17098
12	Lansford Mining Co., Inc. DM	Stephen Karabinos	4 Ridge Street	18232
5	Lear Coal Co. bk	Louis Falzone	540 Wyoming Av.	18644
7	Lee Coal Co., Inc., J.F. DM	J. F. Lee	836 N. Church	18201
15	Legal Coal Co. BP	J. A. Paulosky	Goodspring 3	17981
16	Lehman Coal Co., Merin DM	Mervin Lehman	R. D. 1	17938
1-2-3-5	Lehigh Valley Anthracite, Inc.	Henry Ventre	800 Exeter Ave. W. Pittston	18643
7-8-12-15	S bk B BP			
13	Live Oak Coal Co. BP	Peter Laychock, Jr.	R.D.1, Box 84-A	17901
7	Locust Valley Coal Co. bk B	H. Yudacufski	P. O. Box 179	17948
9	Lone Pine Coal Co. DM	Jerome Zupcich	825 Lott St.	17872
3	Long Coal Co., Millard S	Millard Long	933 Chestnut St.	17851
10	Lotus Coal Co. DM	Thos. Anzulovich	1135 Webster St.	17872
11	Lower Region Colliery, Inc. W	Leonard Chapleski	Box 240	17872



Dis- trict	Operator	General Manager	Address	Zip Code
16	Lucas Coal Co., Franklin DM	Franklin Lucas	R. D. 3	Pine Grove 17938
16	M.A.D. Coal Co. DM	Alvin Morgan	322 Main Street	Williamstown 17098
11	M. & C. Coal Co. DM	Osborne Cressinger	R.D. 1, Box 240	Paxinos 17860
8	M. & J. Coal Co. bk	Robert Morris	313 Saylor Street	Atlas 17811
13	M. & N. Coal Co. DM	Michael Olenick	224 N. 20th Street	Pottsville 17901
8	M. & P. Coal Co. bk	Frank Moncavage	36 N. Market St.	Mt. Carmel 17851
8	M. & S. Coal Co. DM	Allen Shoffler	337 Melrose St.	Keiser 17832
10	M. G. & S. Coal Co. DM	Joseph Murin	301 S. Spruce St.	Mt. Carmel 17851
9	M. & W. Coal Co. DM	Joseph Walsh	503 West Avenue	Mt. Carmel 17851
15	M. W. S. Coal Co. DM	Palmer Mervine	R.D. 1, Box 306	Ashland 17921
16	Mace Coal Co., James DM	Russell Kerstetter		Spring Glen 17978
15	Madenford Coal Co. DM	George Madenford		Joliet 17981
7	Maksimik Coal Co. bk	Stanley Maksimik	435 W. Columbus	Shenandoah 17976
9	Malho Coal Co. BP	Margaret Malho		Lavelle 17943
12-15	Manbeck Dredging Co., Inc. W bk	Kenneth R. Heiser	218 E. Liberty St.	Schuylkill Ha. 17972
12	Mar Strip & Excavating Co. bk	Armando Zarra	R. D. 2	Tamaqua 18252
16	Marby Coal Co., Inc. DM	William Heitzman	R.D. 2, Box 340	Shamokin 17872
16	Marchuk & Sons Coal Co. DM	Steve Marchuk		Reinerton 17980
7	Marko Coal Co. DM	J. J. Markosky	436 W. Columbus St.	Shenandoah 17976
8	Marion Mining Co., Inc. B DM	Michael Raczkowski	P. O. Box 229	Shenandoah 17976
11	Marquette Coal Co. DM	D. H. Marquette	611 W. Pine St.	Shamokin 17872
5	Martinelli, Mathew bk	Mathew Martinelli	180 Parsons St.	Pittston 18640
5	Matisko Coal Co., John bk CP	John Matisko	Mt. Cobb Rd., R.D. 3	Lake Ariel 18436
10	Maurer Coal Co., Paul F. DM	Paul F. Maurer	820 Lott Street	Shamokin 17872
7	Mazaika Brothers Coal Co. BP	Edward Mazaika	R. D. 2	Tamaqua 18252
16	Meadowbrook Coal Co. W bk	Leslie Kimmel		Igkens 17948
2	Meadow Coal & Excavating Co. S	Andrew Brazzo	New Coxeville Rd.	Beaver Meadows 18216
14	Mercury Coal Co., Inc. DM	Leon Richter		Donaldson 17981
8	Mickey Coal Co. DM	Jos. Mickatavage	40 Oakland Avenue	Ashland 17921
14	Miller Coal Co. DM	Daniel Miller		Valley View 17983
3	Minel, Inc. S	S. Korenkiewicz	R.D. 1, Box 141-K	Shamokin 17872
13	Minersville Coal Co., Inc. BP	Leo Strenkoski	Drawer N	Minersville 17954
5	Moffat Premium Anthracite, Inc. BP	Michael Costanzo	78 Cottage Street	Carbondale 18407
7	Mohan Coal Co., J. E. bk	James E. Mohan	277 Chestnut St.	Ashland 17921
11	Moore Coal Co. DM	Claude A. Moore	R.D. 2, Box 281	Shamokin 17872
8	Morack Coal Co. DM	John Morack	407 N. Vine Street	Mt. Carmel 17851
10	Motto Partnership DM	Frank J. Motto	P. O. Box 15	Excelsior 17825
5	Mountain Coal Co., Inc. DM	Thomas Supey	55 W. Sixth Street	Wyoming 18644
12	Mountain Side Coal Co. BP	Roy Habel	64 1/2 E. Broad St.	Tamaqua 18252
14	Mountain Top Coal Co. DM	William Vesay		Minersville 17954
10	Mountain View Coal Co. DM	James Foulds	1440 W. State St.	Shamokin 17872
7	McAdoo Mining Co. DM	Eugene Pinter	62 N. Tamaqua St.	McAdoo 18237
11	N. & L. Coal Co. DM	A. J. Novrocki	R.D. 1, Box 212	Paxinos 17860
13	Neumeister Coal Co., James DM	James Neumeister	R.D. 1, Box 66	Ashland 17921
15	Ney & Lehman Coal Co. DM	Carl Ney	300 S. Maple St.	Mt. Carmel 17851
10	No. 1 Vein Coal Co. DM	Raymond Keefer	R.D. 2, Box 288	Shamokin 17872
16	No. 4 Coal Co. DM	Frank Lucas	Main Street	Hegins 17938
4	North East Mining Co. S	Joseph T. Hughes		New Phila. 17959
3	North Line Coal Co. S	C. Wayne Troxell	P. O. Box L	Shamokin 17872
1-5	Northwest Mining Co. BP DM B S	John Gillen	78 Cottage Street	Carbondale 18407
5	O.S.C. Co. bk	A. J. Kaufman	South Church St.	Carbondale 18407
14	Oakwood Coal Co., Inc. BP	David Deaven, Sr.	R. D. 3	Pine Grove 17963
13	Old Mill Coal Yard BP	Raymond Stein	P. O. Box 172	Llewellyn 17944
13	Olenick Brothers Coal Co. BP bk	Nicholas Olenick	R.D. 1, Box 117-A	Pottsville 17901
7	Olman & Co. DM	Joseph Olman	46 N. Tamaqua St.	McAdoo 18237
5	Olyphant Premium Anth., Inc. bk CP	Samuel J. Leonard	P. O. Box 282	Olyphant 18447
5	Opalka Coal Co. DM	Adam Opalka	438 Madison Ave.	Sermon 18433
5	O'Toole, John F. B	John F. O'Toole	208 S. Hyde Park	Seranton 18504
13	P. & H. Coal Co. DM	Walter Pewor	R.D. 2, Box 550	Pottsville 17901
15	P. & M. Coal Co. DM	Warren Porter	First Street	Muir 17957
8	P. & M. Coal Co. bk	John Polcovich	103 E. Center St.	Centralia 17927
10	P. & M. Coal Co. DM	Joseph Rutkowski	827 Scott Street	Shamokin 17872
15	Panther Head Coal Co. DM	Charles Butensky		Branch Dale 17923
1	Panzitta Construction Co. DM	Joseph Panzitta	64 Bennett Street	Wilkes-Barre 18701
1	Pasternak Brothers S	John Pasternak	419 Center Street	Taylor 18642
14	Penag Coal Co. BP DM	Edward Twigg	Sunbury & Rock St.	Shamokin 17872
5	Penbrook Coal Co. BP bk	Richard Fabri	729 Main Street	Archbald 18403
5	Perry Coal Sales Co., Inc. bk BP	Thomas Perry	530 Green Ridge St.	Seranton 18509
11	Phillips Coal Co. DM	Lewis H. Phillips	R.D. 1, Box 133	Shamokin 17872
7-9-12	Phoenix Contracting Co. BP bk	William Jones, Jr.	P. O. Box 433	Pottsville 17901
16	Pine Creek Coal Co. BP	Ronald Klinger		Spring Glen 17978

Dis- trict	Operator	General Manager	Address	Zip Code
10	Pine Line Coal Co. DM	Harry Walllick	300 Market St.	Shamokin 17872
7	Pleasant Hill Coal Co. DM	Peter Smulligan	Vulcan	Barnesville 18214
8	Polocovich Coal Co. DM	John Polcovich	103 E. Center St.	Centralia 17927
6	Pollock, Inc., Ken bk	George Sorber	Route 11	Hunlock Creek 18621
5	Pompey Coal Co. bk BP	Charles Pompey	P. O. Box 91	Jessup 18134
8	Pononiak Brothers Coal Co. DM	John Pononiak	116 Warsaw St.	Keiser 17832
5	Popple Coal Sales Co., Raymond bk	Raymond Popple	300 Newrose Bldg.	Pittston 18640
12	Premium Fine Coal Co., Inc. bk	John Federak	202 Hunter Street	Tamaqua 18252
3	R.B.F. Coal Co. S	Robert Fanella	P. O. Box 454	Mt. Carmel 17851
15	R. & K. Coal Co. DM	George Rigdosh		Wiconisco 17097
15	R. & J. Coal Co. DM	Gene Minnich		Pine Grove 17963
9	R. & L. Coal Co. DM	Francis Revenis	528 Locust Ave.	Centralia 17927
12	R. & R. Coal Co. BP	Ronnie Roimick		Jim Thorpe 18229
5-7	Racho, George bk	Charles Wenzner	P. O. Box 98	Hazleton 18201
12	Randolph Coal Co. bk	Paul Cormors	P. O. Box 173	Pottsville 18452
9	Ramph Coal Co. DM	Melvin Ramph	1101 Chestnut St.	Kulpmont 17834
9-10	Ranshaw Transportation & Auto Wreckers Co. W bk	Leonard Chableski	P. O. Box 5	Ranshaw 17866
3-4-7- 9-11-12	Reading Anthracite Co. bk W S B BP	G. A. Schnee	200 Mahantongo St.	Pottsville 17840
9	Reichwein & Beury Coal Co. BP	Harold Reichwein	R. D. 1, Box 261	Ashland 17921
11	Reidinger Coal Mining Co. DM	Joseph Reidinger	P. O. Box 4	Paxinos 17860
11	Reidinger Coal Service, Inc. BP	C. Wayne Troxell	P. O. Box L. Y.	Shamokin 17872
16	Reiner Coal Co. DM	William Reiner	837 E. Grand St.	Tower City 17980
14-15	Reminger & Partners Coal Co. DM	Theodore Renninger		Zerbe 17981
11	Rocky Mountain Coal Co. DM	M. E. Karstetter	P. O. Box 66	Gowen City 17828
8-11	Ron Lee Coal Co., Inc. BP DM	Elwood Swank	R. D. 1	Paxinos 17860
3-10	Rosini Coal Co. S BP	E. J. Rosini	P. O. Box 184	Shamokin 17872
13	S. & B. Coal Co. DM	Edward Sorokach	P. O. Box 14	Minersville 17954
14	S.B.K. Coal Co. DM	Mark Shade		Hegins 17938
10	S. & C. Coal Co. DM	W. J. Stellar	1302 Scott St.	Kulpmont 17834
3	S. & D. Coal Co. S	Ernest DiRenzo	330 Melrose St.	Keiser 17832
13	S. & F. Coal Co. DM	John Federovich	Main Street	Seltzer 17974
16	S. & K. Coal Co. DM	Palmer Klinger	1012 Maple Street	Valley View 17983
14	S. & M. Coal Co. DM	John Simondejka		Minersville 17954
3	S. & S. Contracting Co. S	Edward Sosnoski	219 E. Melrose St.	Keiser 17832
16	S. & S. Coal Co. DM	Michael Scheib	Star Route, Box 10	Tremont 17981
15	S. & W. Coal Co. DM	C. L. Williamson		Valley View 17983
3	Sanchez Construction Co. S	James Curran	P. O. Box 176	Minersville 17954
9	Sanders Coal Co. DM	Walter Anascavage	1015 W. Pine St.	Shamokin 17872
3-9	Savitski Bros. Coal Sales S BP DM	Joseph Savitski	Forest & Mulberry	Atlas 17811
13	Scheib Coal Co. DM	Michael Scheib	S.R. 319, Box 10	Tremont 17981
14	Schneck Coal Co., Thos. W. BP	Thomas W. Schneck	R. D. 1	Pine Grove 17963
12	Schickram, William bk	William Schickram	130 Clay Street	Tamaqua 18252
4-13	Schuyldkill Contracting Co. S bk	F. J. Ryan	Box 3604, R.D. 2	Pottsville 17901
14	Schwartzlander Coal Co., Inc. DM	J. Schwartzlander	31 North Street	Tremont 17987
9-13	Scott Coal Co. DM	Steve Forgoth	7 Back Road	Shaft 17975
1-5-6	Seranton Excavating Co. S bk	Rocco Domiano	3 E. McClure St.	Old Forge 18513
13	Seanawaitis Bros. Coal Co. DM	Anthony Seanawaitis	530 Lytle Street	Minersville 17954
5	Sebastopol Coal Co. bk	Anthony Giarratano	P. O. Box 702	Pittston 18640
15	Shade Coal Co. DM	Alvin Shade		Valley View 17983
15	Sharp Mountain Coal Co. DM	Henry Reber	R. D. 1	Pine Grove 17963
16	Shomper Coal Co. BP DM	Russell H. Shomper	305 Vine Street	Williamstown 17098
5-6	Silverbrook Anthracite, Inc. BP bk	Nicholas Kassa	322 Simpson St.	Dupont 18641
12	Silver Creek Coal Co., Inc. BP	Andrew Bonchack	P. O. Box 246	New Phila. 17959
13	Siminitus Coal Co. DM	Edward Siminitus	R.D. 1, Box 994	Pottsville 17901
12	Skripnek Coal Co. DM	Daniel Skripnek	R. D. 1	New Ringgold 18252
7	Skytop Coal Co., Inc. bk B DM	Felix DiCasimirro	P. O. Box 355	Mahanoy City 17948
13	Snyder Coal Co., Leroy DM	Leroy Snyder	R. D. 1	Ilykens 17048
13	Sorokach Coal Co. DM	Edward Sorokach	P. O. Box 144	Minersville 17954
12	South Tamaqua Coal Pockets BP	Donald Warne	R. D. 3	Tamaqua 18252
11	Slo-Burn Coal Co., Inc. DM W	David Wenrich	R. D. 1, Box 335-E	Paxinos 17860
16	Smeltz Coal Co. DM	Joseph Shade	R. D. 1	Hegins 17938
15	Spancake & Herring Coal Co. DM	Milton Spancake	R. D. 2	Pine Grove 17963
3-10-				
11-16	Split Vein Coal Co. S BP DM	Elwood Swank	R. D. 1, Box 336-C	Paxinos 17864
11	Springfield Coal Co. DM	S. Korenkiewicz	P. O. Box 141-K	Shamokin 17872
15	Stahl Coal Co. DM	John Stahl		Valley View 17983
7	Starwood Coal Corp. B	Alfred Peca	14 S. Main Street	Mahanoy City 17948
8	State Coal Co., Inc. BP bk	G. M. Seiler	109 E. First St.	Hazleton 18201
16	Strohecker Coal Co. BP	Joel Strohecker	R. D. 1	Elizabethtown 17023

Dis- trict	Operator	General Manager	Address	Zip Code
13	Studlack Coal Co. DM	Andrew Studlack	314 New Castle St.	Minersville 17954
8	Sun Coal Co., Inc. bk	Saverio Greco	P. O. Box 412	Mt. Carmel 17851
10	Sunshine Coal Co. BP	Ralph Steinhart	P. O. Box 502	Trevorton 17881
16	Superior Coal Co. BP	Roy Blyer		Valley View 17983
6	Susquehanna Coal Co. BP	Lawrence G. Lebo	8 W. Main Street	Nanticoke 18634
8	Swamp Coal Co. DM	Edward Olbrish	753 Scott Street	Kulpmont 17851
4-13	Swatara Coal Co. S BP	Wm. P. Parker	P. O. Box G	Minersville 17954
15	Sweet Water Coal Co. DM	Leonard Harner	R. D. 2	Hegins 17938
11	Swift Coal Sales BP	Adam Swift	1100 Center Street	Shamokin 17872
11	T. & M. Coal Co. DM	T. J. Morris	905 W. Pine Street	Shamokin 17872
7	Tedesco Bros. Coal Co. B bk	F. M. Tedesco	P. O. Box 4	Pardeesville 18243
12	Thirty Slope, Inc. DM	Edmund Watkins	P. O. Box 229	Shenandoah 17976
14	Tobin Coal Co. DM	Allen Tobin	530 Colliery Ave.	Tower City 17980
13	Tokarchek Coal Co. DM	Michael Tokarchek	214 Laurel Street	Minersville 17954
12	Tracy Coal Co. DM	Michael Dudash	R. D. 3	Pottsville 17901
7	Trenton Coal Co. DM	John K. Biskupics	23 E. Spruce St.	Mahanoy City 17948
10	Twin Oaks Coal Co. DM	Leonard Machesic	R. D. 1	Paxinos 17860
16	Underkoffler Coal Co. BP DM	Glen Underkoffler		Williamstown 17098
4	Valent Coal Co., Frank S	Frank Valent	360 S. Center St.	Pottsville 17901
7	Valley Coal Co. BP	Stanley Lech	R. D. 2	Tamaqua 18252
16	Valley Construction Co. DM	George Fronk		Valley View 17983
4	Valley Enterprises, Inc. S	Joseph Petrole	R. D. 2	Tamaqua 18252
4	W. & W. Construction Co. S	George Walaitis	2179 W. Norwegian	Pottsville 17901
13	Walaitis Coal Co. DM	George Walaitis	40 S. Wyland St.	Frackville 17931
10	Wehry Coal Co. DM	Paul Wehry	1615 W. Independence	Shamokin 17872
7	Wesner Coal Co. BP	W. J. Wesner	R. D. 2	Tamaqua 18252
10	West Cameron Coal Co. DM	Robert Erb	R. D.	Shamokin 17872
13	West West Coal Co., Inc. DM	Leo Strenkoski	P. O. Drawer I	Minersville 17954
12	Whippoorwill Coal Co. DM	Joseph Tarconish	Washington Street	Middleport 17953
8	White Birch Coal Co. DM	Michael Raczkowski	P. O. Box 229	Shenandoah 17976
9	White Coal Co. bk	Wilbur White	P. O. Box 47	Ashland 17921
16	White's Vein Coal Co. DM	Clayton Shade		Sacramento 17968
11	Whitney Coal Co., Inc. DM	Charles Greco	1054 Scott Street	Kulpmont 17834
16	Williamson Coal Co., Inc. DM	Alfred Williamson		Valley View 17983
12	Williams Partnership DM	Evan Williams		New Phila. 17959
13	Winne Land Co. W	R. M. Bickel	R.D. 2, Box 360 1/2	Pottsville 17901
16	Wolfe Coal Co. DM	William Wolfe	307 North Street	Williamstown 17098
15	Wolfgang Coal Co. DM	Marlin Wolfgang	169 Wiconisco St.	Tower City 17980
13	Woratyla Coal Co. DM	Andrew Woratyla	P. O. Box 2	Llewellyn 17944
13	Woodside Mining Co. DM	John Olenick	R. D. 1, Box 117-A	Pottsville 17901
12	Zakrewsky Coal Co. DM	Peter Zakrewsky		Tamaqua 18252
9	Zanella Bros. Coal Co. DM	Stephen Zanella	34 Spruce Street	Ashland 17921
16	Zimmerman Coal Co., Marlin DM	Marlin Zimmerman		Ravine 17966

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NOTE: DM - Denotes Deep Mines  
 S - Denotes Strip Mine Operations  
 B - Denotes Breakers  
 BP - Denotes Breaker Preparation Only  
 W - Denotes Washery  
 bk - Denotes Bank Operations

Anthracite Deep Mine Inspection Districts were redistricted as of January 1, 1968

## COMMONWEALTH OF PENNSYLVANIA

## DEPARTMENT OF MINES AND MINERAL INDUSTRIES

ANTHRACITE DIVISION  
Breakers, Washeries and Preparation Plants

1968

Dis- trict	Preparation Plant	Company	Location	Zip Code
5	Ace Breaker	Ace Coal Co.	Blakely	18512
11	Ace Breaker	Ace Coal Sales	Weigh Scales	17872
5	Ace Cleaning Plant	Ace Anthracite, Inc.	Blakely	18512
8	Atlas Washery	Bridy, Inc.	Atlas	17811
5	Avoca Cleaning Plant	Perry Coal Sales Co., Inc., Thomas	Avoca	18611
7	B-D Fine Coal Plant	B-D Mining Co.	Mahanoy Township	17958
12	B. & N. Breaker	B. & N. Coal Co.	Schuylkill Haven	17972
11	Bar-Mac Breaker	Bar-Mac Coal Co., Inc.	Weigh Scales	17872
7	Beaver Brook Fine Coal Pl.	Huss, George	Hazle Township	18701
12	Beechwood Cleaner Plant	Reading Anthracite Co.	Seltzer	17974
5	Bel Air Breaker	Duryea Coal Sales Co., Inc.	Duryea	18642
12	Black Heath Breaker	Phoenix Contracting Co.	Cressona	17929
7	Blaschak Breaker	Blaschak Coal Co., Inc.	St. Nicholas	17948
1	Bliss Crushing Plant	Bliss Coal Co.	Cherry Township (Mildred)	18632
1	Booth Cleaning Plant	E. & B. Coal Sales	P.O. Box 206, Mildred	18632
5	Bolands Breaker	DeAngelis, Inc.	Carbondale	18407
12	Brockton Breaker	R. & R. Coal Co.	Brockton	17925
7	Buckley Breaker	Buckley Coal Co.	Ringtown	17967
7	Candleton Breaker	Coleby Coal Co., Inc.	Gilberton	17934
10	Carbon Run Breaker	Rosini Coal Co.	South Shamokin	17872
11	D. & Z. Breaker	D. & Z. Coal Co.	Weigh Scales	17872
8	Diamond Breaker	Sun Coal Co., Inc.	Atlas	17811
11	Diminick Breaker	Diminick Coal Sales	Paxinos	17860
13	DiRenzo Breaker	DiRenzo Coal Co.	Minersville	17954
14	Donaldson Breaker	Industrial Coal Sales Co.	Donaldson	17981
15	Echo Breaker	BlueBell Enterprises Co.	Tremont	17981
14	Franklin Hydrotated Breaker	Franklin Coal Co.	Ravine	17966
10	Glen Burn Breaker	Glen Burn Colliery, Inc.	Shamokin	17872
6	Glen Lyon Breaker	Susquehanna Coal Co.	Glen Lyon	18617
13	Glenn Worth Breaker	Glenn Worth Coal Co.	Cressona	17929
7	Gowen Breaker	Gowen Coal Co.	Fern Glen	18241
7	Gowen Cleaning Plant	Gowen Coal Co.	Fern Glen	18241
12	Greenwood Breaker	Greenwood Mining Co.	Rahn Township	19426
11	H. J. & H. Breaker	H. J. & H. Coal Co., Inc.	Trevorton	17881
5	Harry E. Breaker	Lehigh Valley Anthracite, Inc.	Swoyersville	18704
7	Hazleton Shaft Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
7	Hazleton Shaft Cleaning Pl.	Lehigh Valley Anthracite, Inc.	Hazleton	18201
7	Highland No. 5 Breaker	Jeddo-Highland Coal Co.	Foster Township	18642
13	Hillside Breaker	Hegins Mining Co.	Zerbe	17984
7	Honeybrook Breaker	Archer Coal Co.	Audenried	18213
7	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenried	18213
11	Hoover Breaker	Hoover Coal Co., Inc.	Paxinos	17860
5	Huber Breaker	Blue Coal Corporation	Ashley	18706
12	J. & E. Breaker	J. & E. Coal Co.	South Tamaqua	18252
7	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	Hazle Township	18704
15	Joliett Breaker	Lehigh Valley Anthracite, Inc.	Joliett	17981
11	K. & D. Breaker	K. & D. Coal Co.	Weigh Scales	17872
12	K. M. & F. Breaker	K. M. & F. Coal Service	Middleport	17953
13	K. & P. Breaker	K. & P. Coal Co.	Minersville	17954
12	Kaska Breaker	Film Coal Co., Inc.	Middleport	17953
5	Kassa Breaker	Silverbrook Anthracite, Inc.	Larlin	18702
9	Kerrigan Washery	Kerrigan Coal Co., Inc., Paul	Ashland R. D. 1	17921
15	Kocher Breaker	Kocher Coal Co., Inc., Leon E.	Valley View	17983
15	Legal Breaker	Legal Coal Co.	Valley View	17983
7	Lion Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
13	Live Oak Breaker	Live Oak Coal Co.	Primrose	17954
9	Locust Summit Breaker	Reading Anthracite Co.	Locust Gap	17840
5	Loree Breaker	Blue Coal Corporation	Karksville	18704
11	Lower Region Washery	Lower Region Colliery, Inc.	Trevorton Road	17881
12	Lowland Washery	Manbeck Dredging Co., Inc.	Landingville	17942

Dis- trict	Preparation Plant	Company	Location	Zip Code
12	Lucanna Fine Coal Plant	Ginther Coal Co.	Cumbola	17930
16	Lykens Breaker	Frunk Coal Co., George	Lykens	17748
13	Lytle Washery	Winne Land Co.	Primrose	17954
9	Malho Breaker	Malho Coal Co.	Lavelle	17943
8	Mammoth Breaker	Lehigh Valley Anthracite, Inc.	Raven Run	17946
7	Maple Hill Cleaning Plant	Reading Anthracite Co.	Maple Hill	17976
13	Maple Spring Breaker	C. L. S. Coal Co.	Branch Dale	17923
12	Marlin Breaker	Cass Contracting Co.	Marlin	17951
5	Marvine Sizing Plant	Northwest Mining Co., Inc.	Scranton	18509
5	Matisko Cleaning Plant	Matisko Coal Co.	Forest City	18421
7	Mazaika Breaker	Mazaika Bros. Coal Co.	Rush Township	18252
16	Meadowbrook Washery	Meadowbrook Coal Co.	Lykens	17048
13	Minersville Breaker	Minersville Coal Co., Inc.	Minersville	17954
7	Morea Breaker	Lehigh Valley Anthracite, Inc.	Morea	17955
7	Mount Hazle Breaker	Locust Valley Coal Co.	Mahanoy Township	17958
12	Mountain Side Breaker	Mountain Side Coal Co.	South Tamaqua	18252
12	Nesquehoning Cleaner Plant	Correale Construction Co.	Nesquehoning R. D. 1	18240
12	New St. Nicholas Fine Coal	Reading Anthracite Co.	Seltzer	17974
12	New St. Nicholas Breaker	Reading Anthracite Co.	Seltzer	17974
12	No. 6 Washery	Manbeck Dredging Co., Inc.	Lansford	18232
14	Oakwood Breaker	Oakwood Coal Co., Inc.	Pine Grove R. D. 3	17963
13	Old Mill Breaker	Old Mill Coal Yard	Llewellyn	17944
13	Olenick Breaker	Olenick Brothers Coal Co.	Forestville	16035
5	Olyphant Cleaning Plant	Olyphant Premium Anthracite	Dickson City	18519
5	O'Toole Cleaning Plant	O'Toole, John F.	Moosic	18505
14	Penag Breaker *	Penag Coal Co.	Good Spring	17981
5	Penbrook Breaker	Penbrook Coal Co.	Archbald	18403
16	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen	17978
5	Pompey Breaker **	Pompey Coal Co.	Jessup	18434
12	Premium Fine Plant	Premium Fine Coal Co., Inc.	South Tamaqua	18252
12	Pine Forest Cleaner Plant	Reading Anthracite Co.	St. Clair	17970
5	Prospect Cleaning Plant	Lehigh Valley Anthracite, Inc.	Plains	18705
12	Randolph Washery	Randolph Coal Co.	Port Carbon	17965
10	Ranshaw Washery	Ranshaw Transp. & Auto Wreckers	Ranshaw	17866
5	Raymond Breaker	Northwest Mining Co., Inc.	Eymon	18718
9	Reichwein & Beury Breaker	Reichwein & Beury Coal Co.	Gordon	17921
11	Reidinger Breaker	Reidinger Coal Service, Inc.	Paxinos	17860
11	Ron Lee Breaker	Ron Lee Coal Co., Inc.	Weigh Scales	17872
7	Rosa Breaker	Capparell Coal Co., Inc.	Shenandoah	17976
7	St. Nicholas Fine Coal Pl.	Reading Anthracite Co.	St. Nicholas	17948
12	Salem Creek Breaker	Lehigh Valley Anthracite, Inc.	Pottsville	17901
9	Savitski Breaker	Savitski Brothers Coal Sales	Atlas	17811
14	Schneck Breaker	Schneck Coal Co., Thomas W.	Pine Grove R. D. 1	17963
16	Shomper Breaker	Shomper Coal Co.	Williamstown R. D.	17098
12	Silver Creek Breaker	Silver Creek Coal Co., Inc.	New Philadelphia	17959
11	Slo-Burn Washery	Slo-Burn Coal Co., Inc.	Weigh Scales	17872
12	South Tamaqua Breaker	South Tamaqua Coal Pockets	South Tamaqua	18252
11	Split Vein Breaker	Split Vein Coal Co., Inc.	Weigh Scales	17872
7	Starwood Breaker	Starwood Coal Corporation	New Boston	17958
8	State Breaker	State Coal Co., Inc.	Strong	17879
16	Strohecker Breaker	Strohecker Coal Co.	Elizabethville R.D.	17023
16	Superior Breaker	Superior Coal Co.	Valley View	17983
10	Sunshine Breaker	Sunshine Coal Co.	Trevorton	17881
13	Swatara Breaker	Swatara Coal Co.	Zerbe	17984
11	Swift Breaker	Swift Coal Sales	Paxinos	17860
5	Taylor Breaker	Moffat Premium Anthracite, Inc.	Taylor	18517
11	Trevorton Breaker	Reading Anthracite Co.	Trevorton	17881
16	Underkoffler Breaker	Underkoffler Coal Co.	Lykens	17048
7	Valley Breaker	Valley Coal Co.	Rush Township(Tamaqua)	18252
5	Waddell Washery	American Silt Processing Co.	Winton (Jessup)	18434
7	Wesner Breaker	Wesner Coal Co.	Rush Township(Tamaqua)	18252
15	Westwood Washery	Manbeck Dredging Co., Inc.	Joliet	17981
5	Ziffenblatt Cleaning Plant	G. M. C. Energy Fuels	Duryea	18642

NOTE: \* Breaker idle - maintenance men only.

\*\* Pompey Breaker abandoned July 1968.

















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